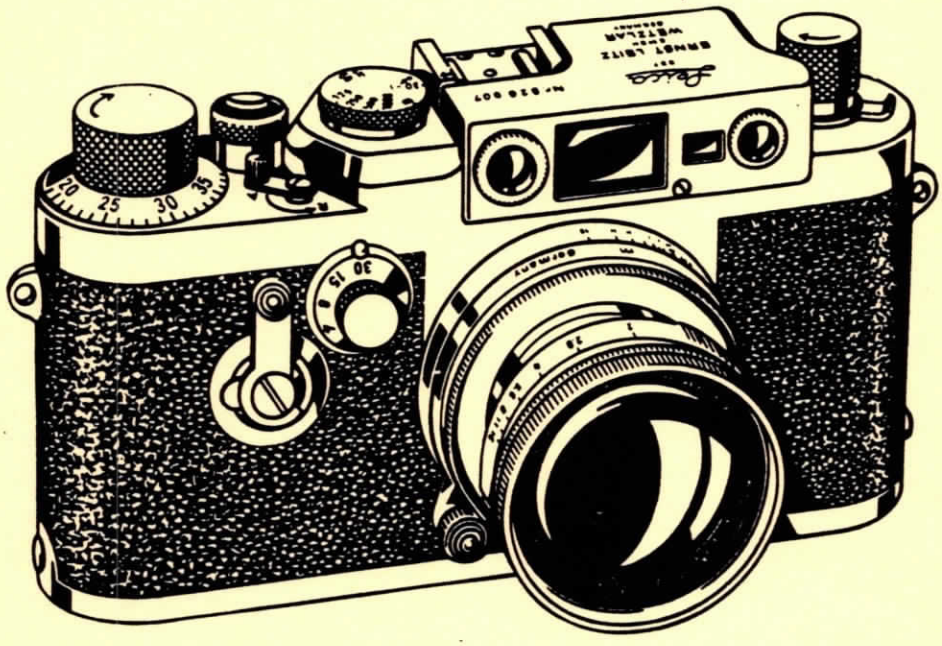
Leica IIIg



Servicing Instructions

Spare Parts Lists

ERNST LEITZ GMBH WETZLAR

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TECHNISCHER KUNDENDIENST

1. 9.64

Introduction

This folder contains Servicing Instructions and Spare Parts Lists for the Leica IIIg and Ig miniature cameras.

The servicing instructions describe and illustrate assembly, adjustment, and repair procedures. The tools listed can be ordered from us.

Individual components and sub-assemblies should be cleaned with lead-free petrol or petroleum spirit after removal from the body unit. Escapements and delayed action mechanisms should not be dismantled for cleaning. Lacquered and engraved parts must not be treated with petrol, and should therefore be cleaned with a soft dry piece of leather or a brush.

All parts to be lubricated must be dry.

Shutter blinds must not come into contact with petrol, oil, or grease.

The following lubricants are required, and can only be ordered from us:

No. 300 (Symbol ◔◔◔)	No. 601 (Symbol △△△)
No. 330 (Symbol ◫◫◫)	No. 602 (Symbol ●●●)
No. 340 (Symbol □□□)	No. 618 (Symbol ◪◪◪)
No. 460 (Symbol ◑◑◑)	No. 704 (Symbol ●●●)

No other lubricants must be used, as perfect working is guaranteed only with the lubricants tested by us.

Note that many lubricants attack various types of plastics and may under certain conditions dissolve them or cause them to swell. The lubricants must therefore come into contact only with the surfaces indicated in the lubrication charts. Storage for longer than a year should be avoided. Spare parts showing a grey sheen on their surfaces do not require lubrication.

The following adhesives are needed for servicing:

A	Araldit 103 Hardener 953 F	Messrs. Ciba AG., Basle
B	Protective lacquer Thinner 13 652	Only available from E. Leitz GmbH Wetzlar
F	Teroson fluid, special Terokal-Thinner D	
E	Adhesive EC 880 Thinner MB	
W	Wax 637	

TECHNISCHER KUNDENDIENST

1. 9.64

Components which are specified in the Spare Parts List as requiring treatment with adhesives must be free from grease. Remnants of hardened adhesive or cements should be removed with the appropriate thinner. Follow the instructions carefully to ensure perfect adhesion.
(Instruction for the use of adhesives see Servicing Instructions for the Leica M 2).

In the Spare Parts List every illustration page is accompanied by an itemized parts list. The illustration pages show the individual parts and sub-assemblies in their correct order of assembly. Points requiring application of lubricants or adhesives are marked by the appropriate symbols (e.g. ΦΦΦ) or letters (e.g. *F*) respectively.
The itemized parts list pages indicate the part numbers and the description of any part that may have to be ordered, as well as the quantity required for the particular Leica model.
The part numbers shown on every illustration page are the same as those on the corresponding parts list.
Spare parts should always be ordered by reference to these lists only. If, for instance, speed dials are required, proceed as follows: As the speed dial is mounted on the cover plate, it will be found - from the contents list - to be on sheet 3.

After the part number has been located on the illustrated page the description must be found in the parts list where the items are listed in numerical sequence. In the spare parts price list the price group can also be found and from the Price Group Index the DM price can be determined. The order in this case reads as follows:

Pos.	Qty.	Price/item DM	Part-No.	Description
1	10	2.80	42-700.01-812	Speed dial

Only the components and sub-assemblies shown here can be ordered from us. Main body units and cover plates are supplied only on return of the damaged part.

TECHNISCHER KUNDENDIENST

Ernst Leitz G m b H Wetzlar	Servicing Instructions for Leica IIIg	Sheet 1 - 49

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TECHNISCHER KUNDENDIENST

Ernst Leitz G m b H Wetzlar	Servicing Instructions for Leica IIIg	Sheet 50 - 100

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TECHNISCHER KUNDENDIENST

2. 3.67

Removing and refitting the cover plate

Sheets 1 to 3

Spanners and tools

1. Screw driver, 1.4 mm. dia.
2. Screw driver, 1.8 mm. dia.
3. Screw driver, 2.2 mm. dia.
4. Screw driver, 2.8 mm. dia.
5. Tweczers
6. Soldering-iron
7. Collit — 42 216 -U307 W3
8. Spanner — 42 216 - 530 W5
9. Collit — 42-700.01- 640 W2
10. Collit — 42-700.01-U713 W4
11. Spanner — 42-700.01- 717 W2
12. Spanner — 42-700.01- 724 W2

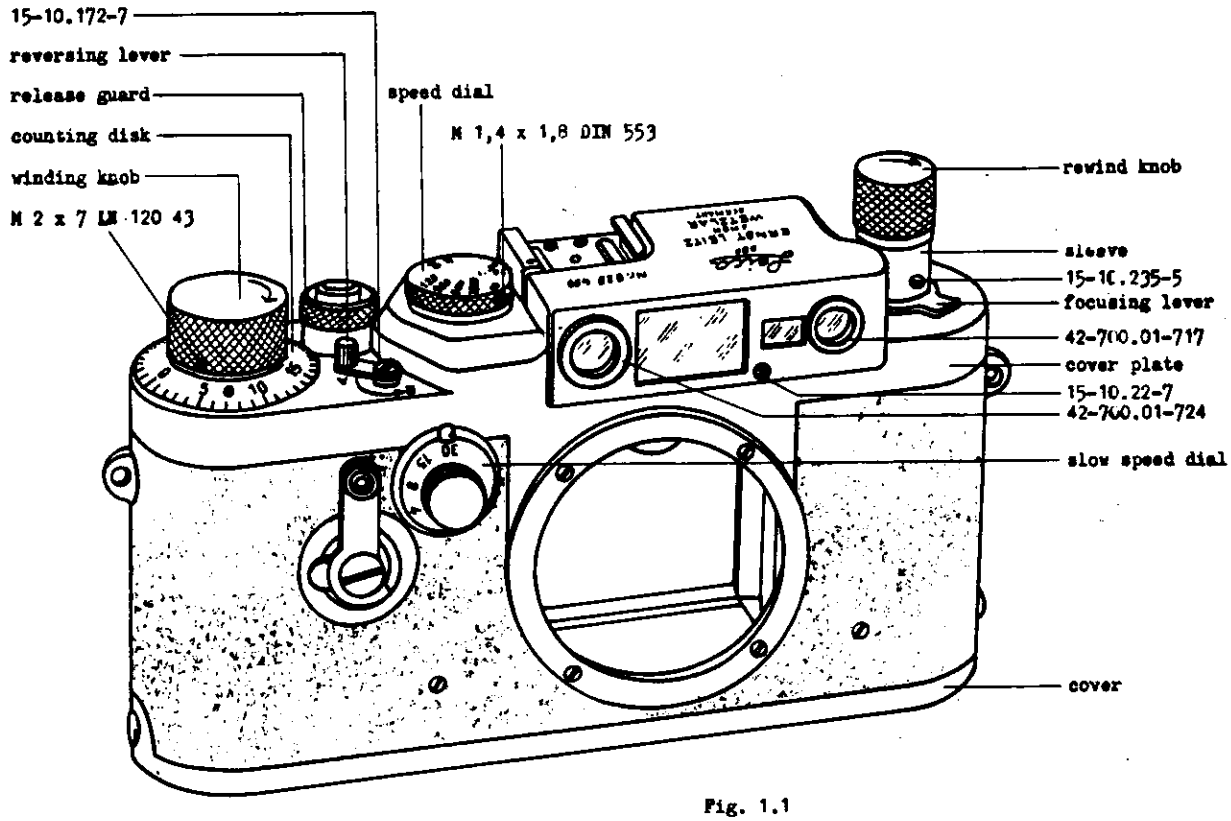


Fig. 1.1

Sequence of Operations

Base plate
Remove the base plate and take out the take-up spool.

TECHNISCHER KUNDENDIENST

2. 5.67

Removing and refitting the cover plate

Continued from sheet 1

Winding knob
Slacken the grub screw M 2 x 7 LN 120 43 on the winding knob through two turns by means of the 1.8 mm. screw driver. Unscrew the winding knob anti-clockwise. Lift off the counting disc and the gear ring 42 216 - 74, then withdraw the winding shaft from below.

Release guard
Unscrew the release guard with the spanner 42 216 - 530 W5.

Reversing lever
Set the reversing lever to "A", unscrew the screw 15-10.172-7 with the 2.8 mm. screw driver, and lift off the reversing lever.

Speed dial
Unscrew the three grub screws M 1,4 x 1,8 DIN 553 on the speed dial with the 1.4 mm. screw driver, and lift off the speed dial. Raise and disengage the speed dial shaft 42-700.01-313 situated under the speed dial. Unscrew the three grub screws M 1,7 x 1,8 DIN 553 with the 1.4 mm. screw driver, and lift off the speed dial shaft.

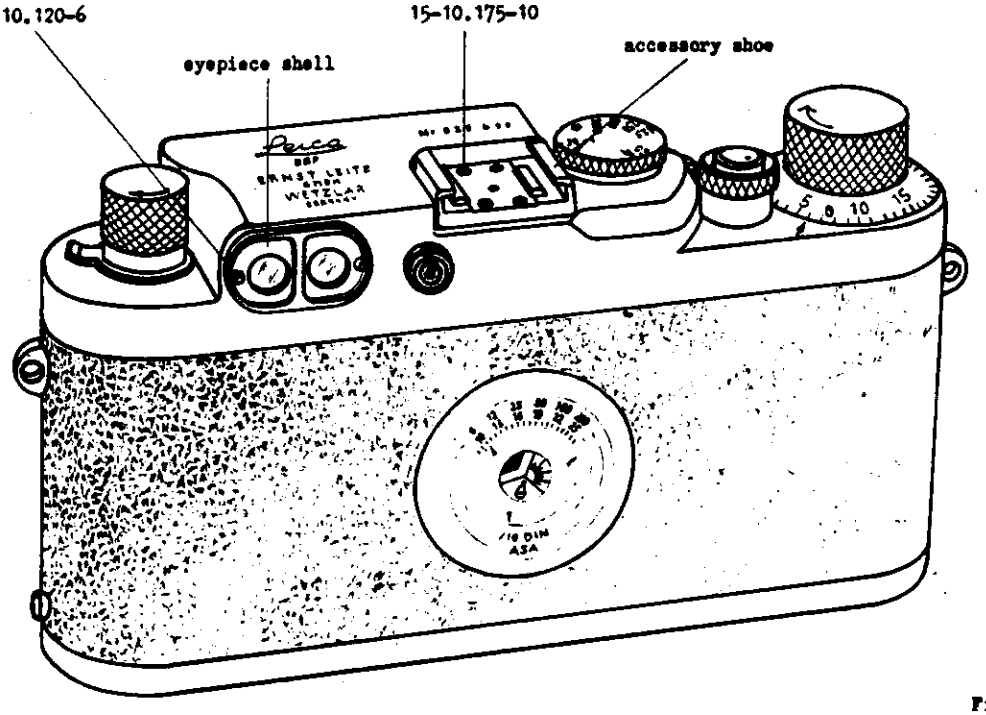


Fig. 2.1

Accessory shoe
Remove the four screws 15-10. 175-10 with the 2.2 mm. screw driver, lift off the accessory shoe as well as the pressure sheek and the spring, unsolder soldered connections underneath with the soldering iron.

TECHNISCHER KUNDENDIENST

Removing and refitting the cover plate

Continued from sheets 1 and 2

Eyepiece shell
With the 1.8 mm screw driver unscrew the two screws 15-10.120-6 from the eyepiece shell, and lift off the eyepiece shell.

Rewind knob
Pull up the rewind knob, and unscrew the screw 15-10.235-5 with the 2.8 mm. screw driver. Lift off the rewind knob and the sleeve. Press out downwards the rewind shaft, the washer 15-12.06-19, and the friction spring. Remove the nut with the collit 42-700.01-640 W2, and lift off the eyepiece focusing lever.

Plain window mount
Unscrew the locking ring 42-700.01-717 with the spanner 42-700.01-717 W2, and unscrew the plain window mount with the collit 42-700.01 U713 W4.

Prism window mount
Unscrew the locking ring 42-700.01-724 with the spanner 42-700.01-724 W2. Lift aut the prism window mount 42 216 - 307 with the collit 42 216 - 307 W3.

Cover plate

With the 2.2 mm. screw driver remove two screws 15-10.174-12 situated under the eyepiece focusing lever and screwed in from inside the cassette chamer, and one screw 15-10.174-14 underneath the counting disc. Unscrew the screw 15-10. 22-7.
In cameras of serial numbers 825 001 to 847 000 unscrew two screws 15-10.170-20 from the spool chamber with screwdriver 2.2 diameter, instead of screw 15-10.174-14 underneath the film counter.

TECHNISCHER KUNDENDIENST

Removing and refitting the housing

Sheets 4 and 5

Spanners and tools

1. Screw driver, 2.2 mm. dia.
2. Screw driver, 2.8 mm. dia.
3. Tweezers
4. 3 ¼ in. lenght of Leica film.

Sequence of operations

Base plate
Remove the base plate and take out the take-up spool.

Self-timer
Tension the self-timer. With the 2.8 mm. screw driver unscrew the screw 15-10.173-10 (see fig. 3). Lift off the tensioning lever and the two tensioning cams. Unscrew the screw 15-10.140-19 with the 2.2 mm. screw driver, and take off the washer. Unscrew the three screws 15-10.174-12 with the 2.8 mm. screw driver, lift off the bearing plate, the plate, the coupling shaft and the coupling piece.

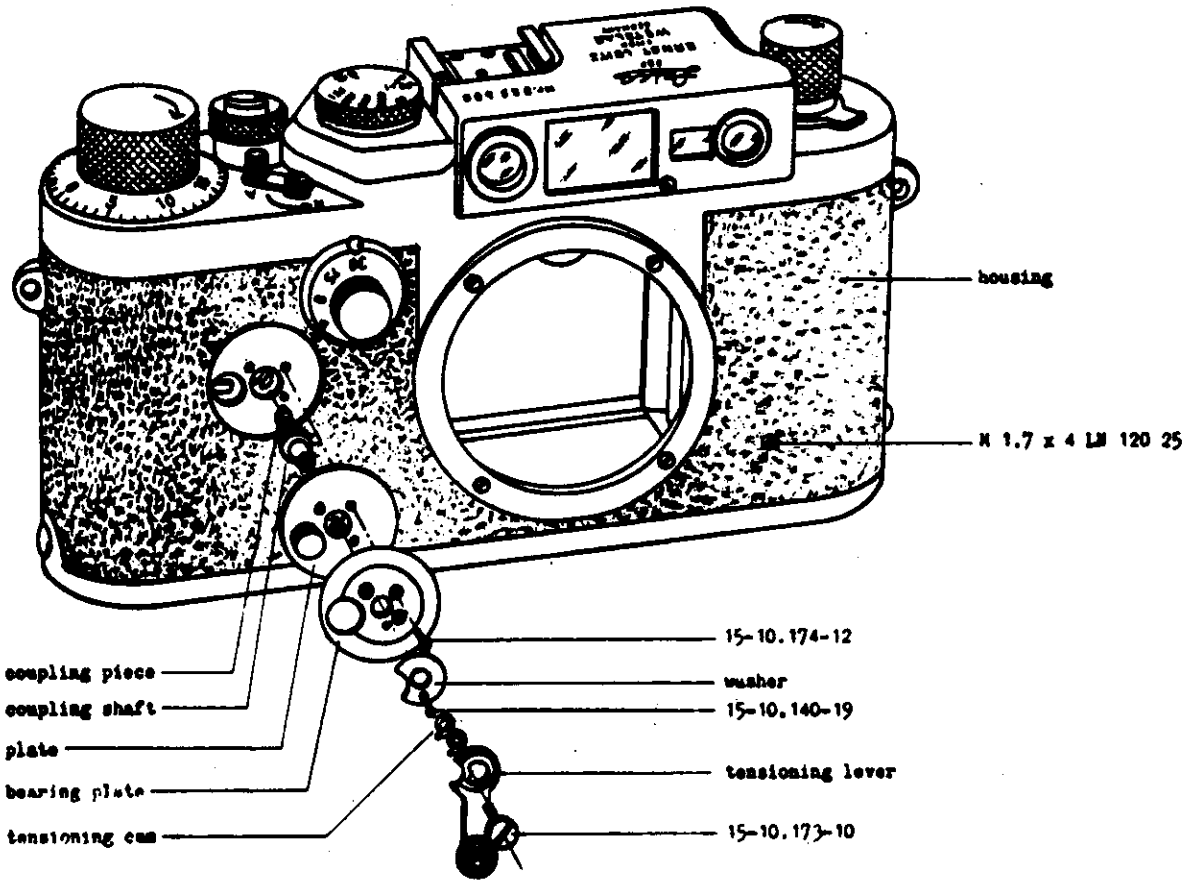


Fig. 3.1

TECHNISCHER KUNDENDIENST

Removing and refitting the housing

Continued from sheet 4

Housing

Remove the two screws M 1,7 x 4 LN 120 25 with the 2.2 mm. screw driver. Insert the piece of film into the film track between the main body and the pressure plate 42 216-463. Carefully draw off the housing from below.
Remove the pressure plate 42 216-463 and the two leaf springs 42 216-462.

Refit the housing by proceeding in the reverse order; note that the self-timer must be tensioned for this purpose.

Check: Setting of the self-timer (see sheet 20 to 21)
Positioning of lens mounting ring relative to film plane (see sheet 7)

TECHNISCHER KUNDENDIENST

Removing and refitting the finder unit

Sheet 6

Spanners and tools

1. Screw driver, 2.2 mm. dia.
2. Screw driver, 2.8 mm. dia.
3. Screw driver 42-253.01-630 W6

Sequence of operations:

Remove the cover plate (see sheets 1 to 3).

Lift off the coupling lever 01 - 639.

With the screw driver 42-253.01-630 W6 slack off the screw M 2 x 3,5 LN 120 25 on the setting lever by two turns. With the 2.2 mm. screw driver unscrew one screw 15-10.174-12 and one screw 15-10.170-20, screwed in from inside the cassette chamber. With the 2.8 mm. screw driver unscrew one screw 15-10.170-5. Carefully lift off the finder unit.

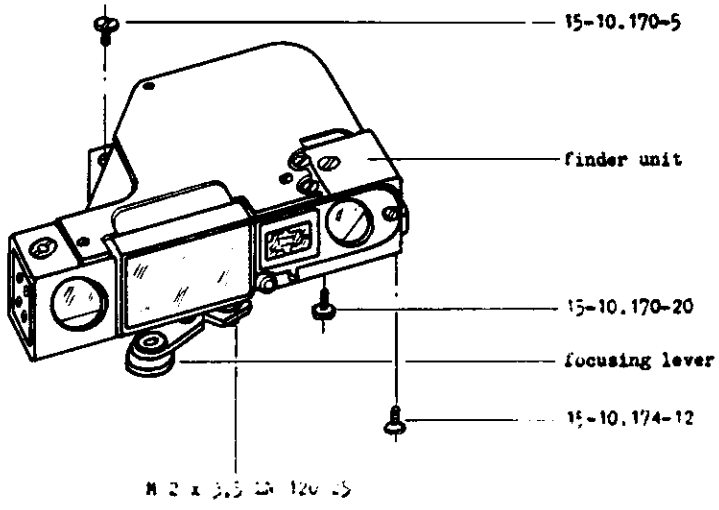


Fig. 4.1

Refit the finder unit by proceeding in the reverse order.

For adjustment of rangefinder see sheet 12 to 15.

TECHNISCHER KUNDENDIENST

Fitting the lens mounting ring

Sheet 7

Tools, appliances, and measuring instruments

1. Screw driver, 2.8 mm dia.	
2. Measuring instrument for zero setting	42 216 Z1 A55
3. Auto-collimator telescope	42-582.01 Z1 W 4
4. Mirror 3 mm	42-582.01 Z1 W 6
5. Turning attachment (State receiving thread of lathe)	42-700.01-652 W4 - 1

Sequence of operations

Tension the Leica shutter.
Set the speed dial to 1/30 second, the slow speed dial to T, and press the release button.
Place securing ring on the body and screw on four screws 15-10.20-16 with screwdriver 2.8 diameter.
Place mirror 42-582.01 Z1 W6 in the picture aperture on the pressure plate and dial gauge 42 216 Z1 A55 on the mounting ring.
The scale of the dial gauge, previously set on 0 according to slip gauge 28.8 mm must indicate 0. The value 28.80 $\pm \frac{0.015}{0.005}$ must be strictly adhered to.
If necessary, turn the mounting ring on the lathe fixture 42-700.01-652W4-1.

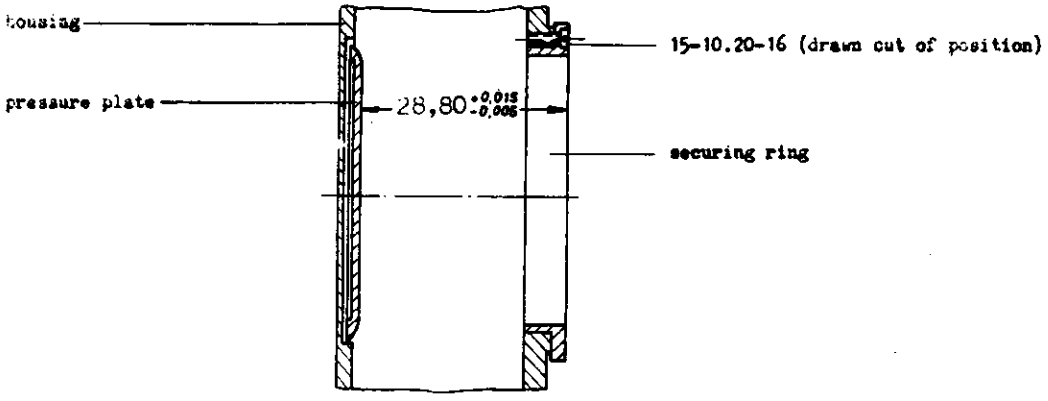


Fig. 5.1

Check the play of the pressure plate by slight finger pressure on the plate of the dial gauge 42 216 Z1 A55. The pointer deflection should be about 0.4 - 0.5 mm.

2. 5.67 Place weight 140 g on the plate of the dial gauge. The pointer deflection should be about 0.2 mm.

Place autocollimation telescope 42-582.01 Z1 W4 in the mounting ring and check parallelism of mounting ring and pressure plate. Divergences of up to half-line thickness are admissible.

After fitting of the mounting ring check the rangefinder (see sheet 12 to 15).

TECHNISCHER KUNDENDIENST

Checking the Synchronization

Sheets 8 to 11

Testing Instruments, accessories, and tools

1. Spanner	42 216 U 112 W7
2. Template	42-253.01 Z1 W66 U63
3. Synchro test unit	42-253.01 Z1 W109*
4. Contact test meter	42 531 Z1 W13
5. Flash cable CNOOS	15 520 N (CNOOS)
6. Flash cable	42-700.01 Z1 W9
7. Cable with probing points	103.25.18

Notes

This checking procedure assumes that the shutter speeds have been tested for absolute accuracy.

The check with the synchro test unit 42-253.01 Z1 W 109 can only be carried out with the Leica housing and pressure plate in psition.

Before releasing the shutter of the Leica, make sure that the indicator lamp of the synchro test unit 42 253.01 Z1 W109 lights up to show that the instrument is ready for use.

After moving the lever between "D", "J", and "L" on the contact test meter 42 531 Z1 W13 always operate the discharge button

Sequence of operations:

Setting of the bearing bracket
The contact spring 42-700.01-600 must exert sufficient tension to press the bearing against the stop on the bearing bracket, but the tension should not exceed 20 grams as measured on the contact stud just before it touches the contact spring 42-700.01-603. Bend the contact spring 42-700.01-603 towards the contact spring 42-700.01-600 until the separation of the contact points is 0.4 to 0.5 mm.

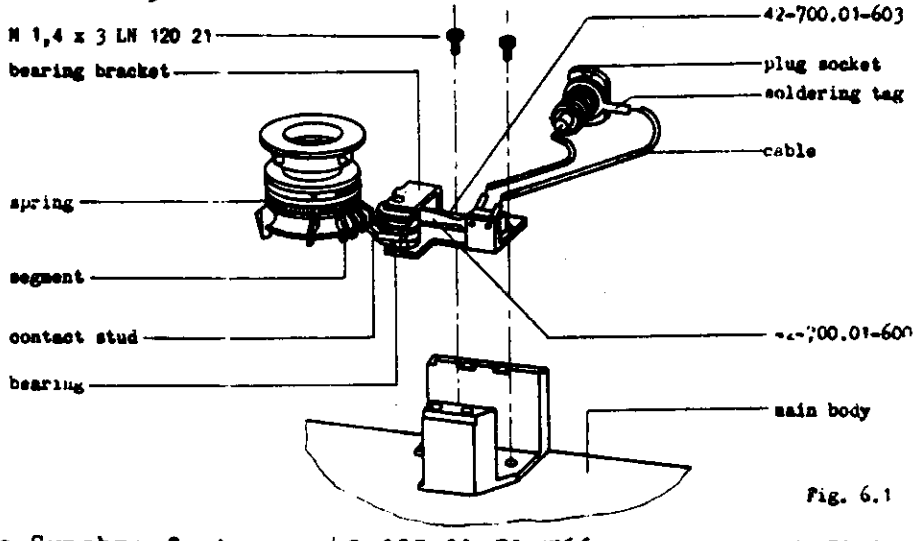


Fig. 6.1

*The Synchro test unit 42-253.01 Z1 W66 or 42-253.01 Z1 W 98 can also be used.

TECHNISCHER KUNDENDIENST

Checking the Synchronization

continued from sheet 8

Screw the bearing bracket to the main body and press it as close as possible against the non-raised segments, without however touching them, as otherwise the firing point of the individual speeds will not be correct.

1. With the contact test meter 42 531 - Z1 W13

1.1 Testing the insulation resistance:

1.11 Set the switch on the contact test meter to 1000 v.
Fit the plug to the accessory shoe socket.
Set lever to "J".
Tension the shutter of the Leica, set the speed dial to 1/30 second.
The indicator lamp must not light up.

1.12 Release the shutter, and extinguish the indicator lamp.

1.13 Repeat steps 1.11 and 1.12 with the speed dial set to 1/60 second.

1.14 Possible causes of faults shown on testing insulation resistance:
Short circuit due to faulty insulation;
Excessive tension of spring 42-700.01-613; bend back.
Insufficient separation of the contact points of the contact springs 42-700.01-600 and 42-700.01-603; increase to 0.4 to 0.5 mm.

All non-raised segments must be held in their original position by the tension spring (see fig. 6.1).

The exact firing point must be determined with the aid of the template 42-253.01 - Z1 W 66 U 63, by horizontal adjustment of the bearing bracket. Note that when the shutter is set to 1/1000, 1/500, or 1/250 second, the contact stud should on tensioning spring back into its original position from the raised segment.

Mounting the bearing bracket may alter the shutter speeds; these should therefore be re-checked.

2. With the synchro test unit 42-253.01-Z1 W109

2.1 Checking the correct contact position for flash bulbs

2.11 Fit the plug to the accessory shoe socket, and pres the key 4.

Insert the template 42-253.01-Z1 W66 U63 into the focal plane between the pressure plate and the main body and align with the shutter blinds open.

Tension the Leica shutter.
Set the shutter speed dial to 1/1000 second.
Mount the Leica with the front aperture on the synchro test unit.

2.12 Press the release button
The reading must be within the limits indicated on the template 42-253.01 - Z1 W66 U63.

2.13 Repeat step 2.11 with the shutter speed dial set to 1/500, 1/250 and 1/125 second.

2.14 Repeat step 2.11 with the shutter speed dial set to 1/30 second, pressing the key 3 on the synchro test unit.

TECHNISCHER KUNDENDIENST

Checking the Synchronization

Continued from sheet 8 and 9

2.15 In case of faulty reading, check whether the bearing, as described above, is correctly set.
If the individual times become displaced relative to each other, the fault is due to incorrect setting of the shutter speeds, or to the fact that the sideways pressure of the locking pawl is not set to the correct value of 40 - 45 grams.

2.2 Checking the correct contact position for electronic flash

2.21 Fit the plug to the accessory shoe socket, and press key 6.

Insert the template 42-253.01 - Z1 W 66 U63 into the focal plane between the pressure plate and the main body and align with the shutter blinds open.

Set the shutter speed dial to ϟ 1/50 second.
Mount the Leica with the front aperture on the synchro test unit.

2.22 Press the release button.
The right-hand slit of the template must be illuminated; The left-hand slit should be covered by the first blind up to 1 mm. at the most.

2.23 Repeat steps 2.21 and 2.22 with the speed dial set to 1/30 second and to B.

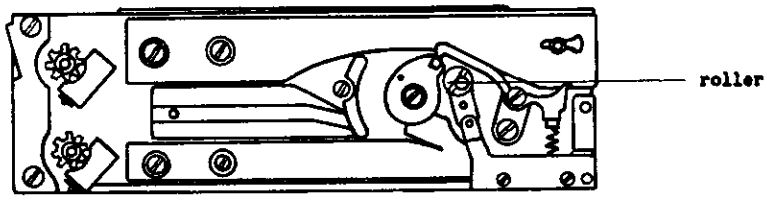


Fig. 7.1

2.3 Checking the brake for recoil

2.31 Set the shutter speed dial to B, hold the Leica against the light source, and set the reversing lever to R.

2.32 The shutter blinds must run down closed. The second blind must not recoil, showing a slit of light.

2.33 If a slit of light is visible, rectify by re-adjusting the roller with the spanner 42 216 - U 112 W7.

Refit the cover plate (see sheets 1 to 3)

TECHNISCHER KUNDENDIENST

Checking the Synchronization

Continued from sheet 8, 9 and 10

3. With the contact test meter 42 531 - Z1 W13

3.1 Testing the circuit resistance

3.11 Plug the flash cable CNOOS into the flash socket, set the lever on the contact test meter to "D", tension the Leica shutter, and set the shutter speed dial to 1/1000 second.

3.12 Hold the shutter speed dial and press the release. Slowly turn the speed dial clockwise. The pointer reading on the scale should be between 60 and 100.

3.13 Possible causes of faults shown on testing of circuit resistance:

Dirty contacts
Contact springs fused together
Poor connection between plug and socket
Poor or brocken soldering connection.
Faults not liested above must be traced with the aid of the probing points 103.25.18 by testing the connections and contact components.

3.2 Testing the insulation resistance

3.21 Repeat steps 1.11 to 1.13, but using the CNOOS flash cable.

3.22 Possible causes of faults shown on testing of insulation resistance:

Dhotz vitvuiz fur zo gsulzx indulszion
Contact spring 42-700.01-600 or 42-700.01-603 touches the accessory shoe
Bare wire touches the finder unit.
Faults not listed above must be traced with the aid of the probing points 103.25.18 by testing the connections and contact components.

4. With the synchro test unit 42-253.01 - Z1 W 109

4.1 Checking the correct contact position fo flash bulbs and electronic flash

4.11 Repeat steps 2.11 to 2.23, but with the CNOOS flash cable.

TECHNISCHER KUNDENDIENST

Adjusting the rangefinder

Sheets 12 to 15

Setting instruments, spanners, and tools

1.	Screw driver, 1 mm. dia.	
2.	Screw driver, 1.8 mm dia.	
3.	Screw driver, 2.2 mm dia.	
4.	Screw driver, 2.8 mm dia.	
5.	Graticule housing only for 10 metre setting	103.25.2
6.	Graticule 10 metre setting	103.25.16
7.	Guide roller	42 216 Z 1 A12
8.	Collit	42 216 U 307 W3
9.	Fousing mount	42 216 U 307 W4
10.	Spanner	42 216 U 575 W3
11.	Tabele stand	42-253.01 Z1 W7
12.	Camera holder with Telescope bracket	42-253.01 Z1 W9
13.	Graticule housing for 1 metre setting	42-253.01 Z1 W6
14.	Bending tool	42-253.01 U700 W2
15.	Distance setting gauge	42-700.01 Z1 A63
16.	Housing	42-700.01 Z1 W8
17.	Plate	42-700.01 Z1 W18
18.	Graticule 1 metre setting	42-700.01 Z1 W20
19.	Special screw driver	42-700.01 U478 W1
20.	Collit	42-700.01 U713 W4

Note: Cover plate, housing, and finder unit are removed (see sheets 1 to 6).

Sequence of operations

Place the finder unit on the main body, making sure that the finder unit is positioned parallel to the front edge of the main body without protruding in front of it. Screw the finder unit to the main body with the screws 15-10.170-5, 15-10.170-23 and 15-10.174-12, using the 2.8 mm dia. screw driver (see fig. 8.1).

Screw the distance setting gauge 42-700.01 Z1 A6 on to the mounting ring, insert both in housing 42-700.01 Z1 W8, and place this assembly on the camera holder. The field frame on the graticule 42-700.01 Z1 W20 of the 1 m graticule housing 42-253.01 Z1 W63 is to be precisely aligned on the groundglass screen with the viewfinder window of the camera. For this purpose the camera holder can be adjusted vertically and laterally with two knurled screws on the right.

Parallax compensation

The 90 mm mark of the viewfinder and the 90 mm mark of the graticule must be in register in the viewfinder eyelens. When the distance setting gauge is moved towards infinity the 90 mm mark must move towards the field frame on the graticule. At the infinity setting divergences of half-line thickness between the graticule field frame and the viewfinder frame are permissible. If a horizontal correction is necessary, readjust screw 15-10.126-6 on the parallax lever 42-700.01-493 with screwdriver 1 diam. For vertical correction, unscrew three screws 15-10.140-13 on the cover; remove cover.

TECHNISCHER KUNDENDIENST

Adjusting the rangefinder

Continued from sheet 12

Unscrew two screws 15-10.142-8 on the setting plate 42-700.01-555 through one turn with screwdriver 1.8 diam. Adjust the setting plate laterally until the viewfinder field frame coincides with the graticule. Actuate the setting lever vigorously, check whether any changes occur. Adjust if necessary. Replace and screw down cover.
Instal the shutter in the housing (see sheets 4.1 and 5.1). Carry out zero setting (see sheet 7.1).
Screw the distance setting gauge 42-700.01 Z1 A6 on the camera. Place the camera holder 42-253.01 Z1 W9.

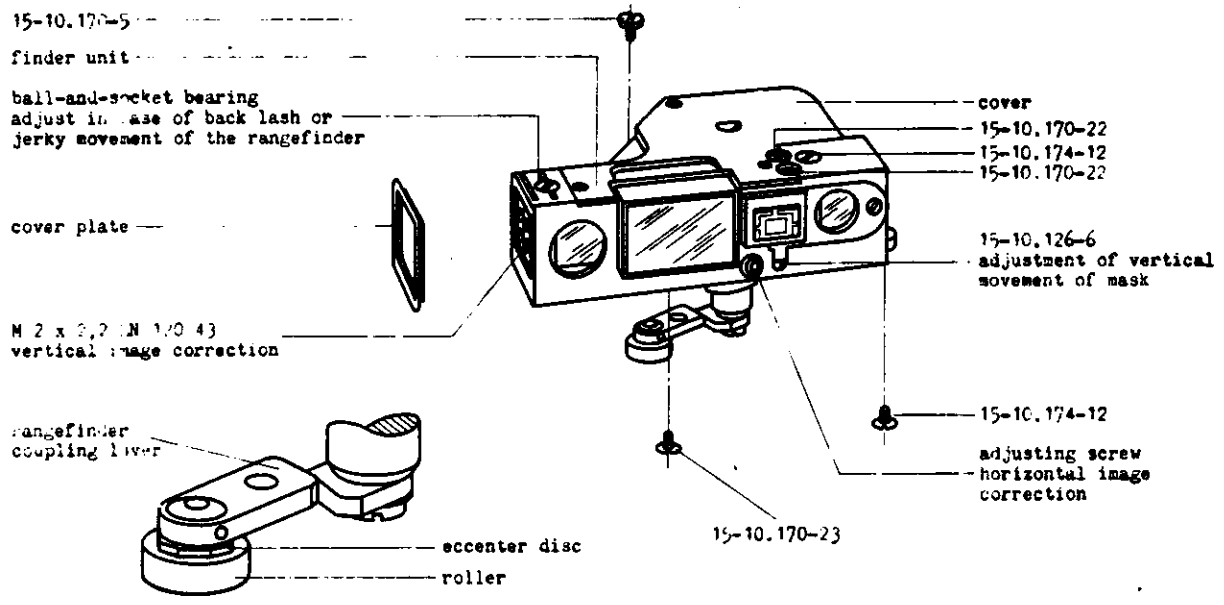


Fig. 6.1

Vertical error correction

Align the viewfinder frame with the field frame of the graticule with two knurled screws (see sheet 12.1).
Check the measuring level with the front attachment telescope on the 10 m graticule. The two horizontal lines must be in approximate register; divergences of up to line thickness can be eliminated later by rotating the mount of the glass wedge.

TECHNISCHER KUNDENDIENST

Adjusting the rangefinder

Continued from sheets 12 and 13

If adjustment is not possible with the screws provided for the purpose the reflector cage must be taken out. Unscrew two screws 15-10.170-22 and one screw 15-10.174-12 with screwdriver 2.2 diam., take out the reflector case. If the movable image is too high, file off frome the direction of the long side of the reflector cage (see Fig. 9.1); if it is too low, file off from the direction of the short side of the reflector cage.

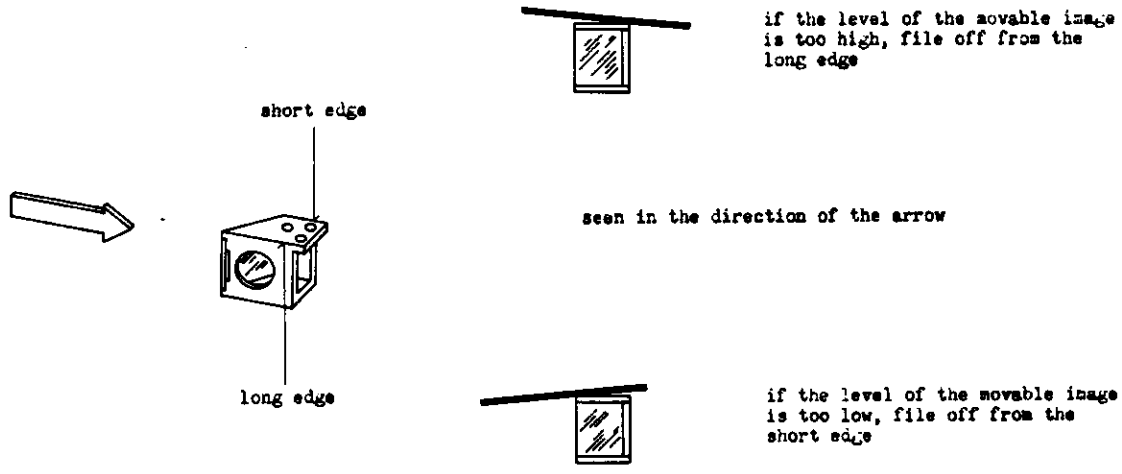

if the level of the movable image is too high, file off from the long edge
short edge
seen in the direction of the arrow
long edge
if the level of the movable image is too low, file off from the short edge

Fig. 9.1

Lateral error correction

Check the infinity position on the 10 m graticule with the viewing telescope. Corrections are carried out with the setting screw 42 216-288 by making the measuring images coincide, turning the setting screw to the left or right with the screwdriver 42-700.01-478 W1. Swivel the viewing telescope away from the rangefinder eyelens and set the distance setting gauge on 1 m. The crosslines of the 1 m graticule must precisely coincide; the thin lateral lines are used for sighting. Corrections are carried out by turning the eccentric disc to the right or left with tool 42 216-U575 W3 and screwdriver 42-700.01-478 W1 on the setting screw 42 216-288. The correction of the infinity and the 1 m setting is alternately repeated until the index marks coincide in both measuring positions.
Move the distance setting gauge from infinity to 10 m and from 2 m to 10 m. If play or „jumping" of the image occurs, adjust the ball mount with screw driver 2.8 diam. If the error cannot be corrected, take out the ball mount. Clean ball mount and ball, apply lubricant 460.

TECHNISCHER KUNDENDIENST

Adjusting the rangefinder

Continued from sheets 12, 13, 14

The 10 m setting is established on two planes on the distance setting gauge. This makes the accurate control of the vertical position of the roller possible. If the setting gauge is turned from the left to the right stop at the 10 m mark, the measuring image of the Leica must remain unchanged in both settings. If a change does occur, the setting lever must be adjusted: insert the adjusting tool 42-253.01 U700 W2 into the bore of the setting lever and bend into the required position while controlling the vertical position of the setting lever with gauge 42 216 Z1 A12. Check the position of the roller with the distance setting gauge.

Pull the rangefinder coupling lever and let it recoil strongly, then check whether there is any change in the setting.

Check all the functions of the finder unit.

Seal all setting and fastening screws with protective lacquer.

Fit the cover and seal with protective lacquer.

Tighten the stop screw 15-10.140-20 for the eyepiece focusing lever with the 1.8 mm dia. screw driver.

With the cover plate in position a vertical error can be corrected by rotating the glass wedge mount 42 216-307 with the setting mount 42 216 U307 W4. Use tool 42 216 U307 W3 for mounting the glass wedge mount.

Carry out lateral error corrections on the setting screw 42 216-288 with screwdriver 42-700.01-478 W1.

Carry out corrections on the eccentric disc with the key 42 216 U575 W3.

To test the rangefinder on the fully assembled Leica, clip the plate 42-700.01 Z1 W18 on the back of the camera holder 42-253.01 Z1 W9.

TECHNISCHER KUNDENDIENST

Setting and testing the shutter speeds

Sheets 16 to 18

Testing instruments, spanners, and tools

1. Screw driver, 1.4 mm. dia.
2. Screw driver, 1.8 mm. dia.
3. Screw driver, 2.8 mm. dia.
4. Screw driver, 3.5 mm. dia.
5. Spring tension gauge — 42 216 - Z1 W 42
6. Mirror — 42 216 - Z1 W 46
7. Light drum — 42-253.01- Z1 W100
8. Shutter speed testing instrument — 42-253.01- Z1 W111 •
9. Speed pattern — 42 531 - Z1 A 32
10. Mirror — 42-700.01- Z1 W 22
11. Spanner — 42-700.01-323 W 2
12. Contact gauge — 20 - 250 grams

Fast shutter speeds

The speeds 1/1000, 1/500, and 1/250 second are checked with the liegt drum 42-253.01 - Z1 W 100 running at 280 revolutions per minute.

The list of tools specifies the latest model of the light drum 42-253.01-Z1 W100. Any older type of light drum may be used equally well, provided the running speed can be set accurately.

Sequence of operations

Remove the housing (see sheets 4 and 5).
Unscrew two screws 15-10.174-9 and one screw 15-10.170-5 with the 1.8 mm. dia screw driver. Take off the cover plate 42 216 - 493 (see Fig 9).

Test the tension of the spring roller of the second shutter blind with the spring tension gauge 42 216 - Z1 W42. The spring tension gauge should indicate 6 ± 1 with the blind run down.

To increase the blind tension turn the tensioning helix to the right the 2.8 mm. dia. screw driver. (Tighten in winded position only).

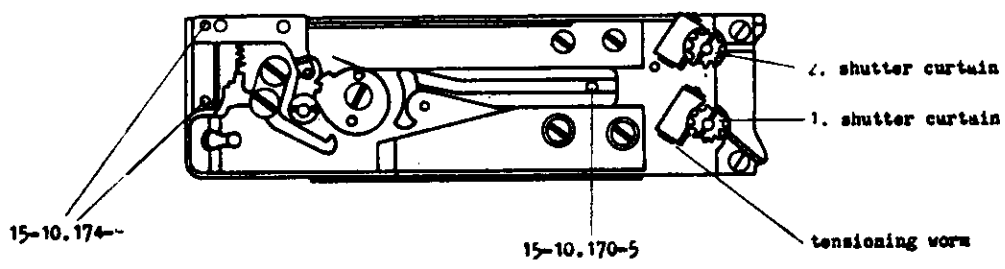


Fig. 10.1

• The slow speed testing unit 42 216 Z1 W 67 can also be used.

TECHNISCHER KUNDENDIENST

Setting and testing the shutter speeds

Sheets 16 to 18

Testing instruments, spanners, and tools

1.	Screw driver, 1.4 mm. dia.	
2.	Screw driver, 1.8 mm. dia.	
3.	Screw driver, 2.8 mm. dia.	
4.	Screw driver, 3.5 mm. dia.	
5.	Spring tension gauge	42 216 -Z1 W 42
6.	Mirror	42 216 -Z1 W 46
7.	Light drum	42-253.01-Z1 W100
8.	Slow speed testing instrument	42-253.01-Z1 W111*
9.	Speed pattern	42-700.01-Z1 A 27
10.	Mirror	42-700.01-Z1 W 22
11.	Spanner	42-700.01-323 W 2
12.	Contact gauge	20 - 250 grams

Fast shutter speeds

The speeds 1/1000, 1/500, and 1/250 second are checked with the light drum 42-253.01-Z1 W 100 running at 280 revolutions per minute.

The list of tools specifies the latest model of the light drum 42-253.01-Z1 W 100. Any older type of light drum may be used equally well, provided the running speed can be set accurately.

Sequence of operations

Remove the housing (see sheets 4 and 5).
Unscrew two crews 15-10.174-9 and one screw 15-10.170-5 with the 1.8 mm dia. screw driver. Take off the cover plate 42 216-493 (see Fig. 10.2).

Test the tension of the spring roller of the second shutter blind with the spring tension gauge 42 216-Z1 W42. The spring tension gauge should indicate 6 ± 1 with the blind run down.

To increase the blind tension turn the tensioning helix to the right with the 2.8 mm dia. screw driver. (Tighten in winded position only)

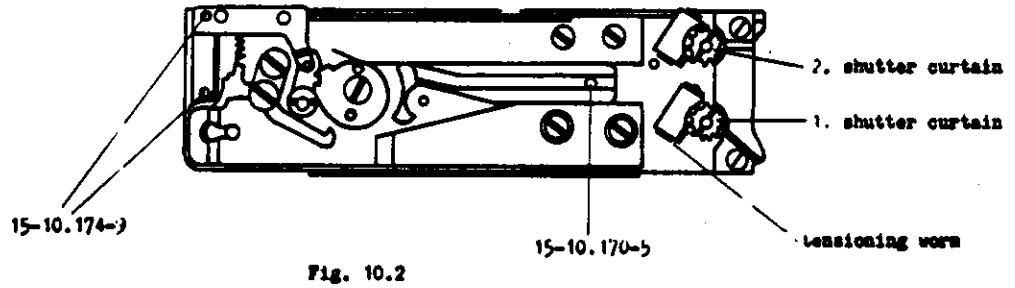


Fig. 10.2

*The slow speed testing unit 42 216 Z1 W 67 can also be used.

TECHNISCHER KUNDENDIENST

Setting and testing the shutter speeds

Continued from sheet 16

Tension the shutter of the Leica, set the speed dial to 1/500 second, and check by looking through the camera whether the shutter opens. Increasing the tension of the spring roller of the first shutter blind will open the shutter.

Insert the speed pattern 42-700.01-Z1 A27 from the back the film aperture of the camera, and check the curve of the second shutter blind with the light drum 103.25.7. If the shutter curve of the Leica is flatter than the pattern, the tension must be decreased.

The image of the slit at the lower edge of the picture frame must be somewhat wider than at the top. The drum images (see Fig. 11.2) clearly show this pattern. Increasing the tension of the spring roller of the first shutter blind widens the image of the slit at the lower edge of the picture frame, desreasing the tension makes it narrower.

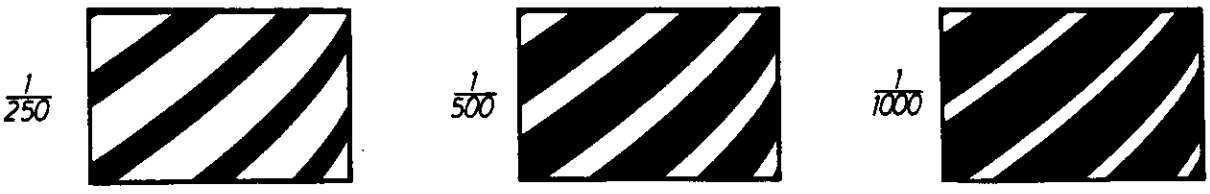


Fig. 11.2

If the width of the slit does not correspond to the drum image for 1/500 second (see Fig. 11.2), the cover plate must be taken off (see sheets 1 to 3).
Adjust the excentric cam 42-700.01-323 (1/500 second) with the 2.8 mm. dia. screw driver (from Nos. 905 301 with spanner 42-700.01-323 W2) until the width of the slit matches the drum image. To avoid bending the locking pawl while making this adjustment, place a spacer underneath (see Fig. 12.1). Check the lateral spring pressure on the locking pawl with the contact gauge: measured at the excentric cam 1/500 this pressure should be 50 ± 10 grams.

The axial spring pressure on the locking pawl should be 120 + 30 grams.

Slow shutter speeds

Clamp mirror 42-700.01 Z1 W22 onto the main body (Film plane).
The speeds of 1/30, 1/15, 1/8, 1/4, 1/2, and 1 second are checked with the slow speed testing instrument 42-253.01-Z1 W111.
The basic setting for the slow speeds is 1/8 second. This setting is carried out on the slow speed dial as follows.

2. 5.67

Slacken the grub screw 15-10.146-7 with the 1.4 mm. dia. screw driver, and unscrew the protective cap by turning to the left (see Fig. 13.1). Slacken the screw 15-10.24-7 with the 3.5 mm. dia. screw driver. Adjust the setting nut and tighten the screw 15-10.24-7 again. Check on the slow speed testing instrument that the pointer reading is within the limits of 0.3 mA ± 10 % on the scale.

TECHNISCHER KUNDENDIENST

Setting and testing the shutter speeds

Continued from sheets 16 and 17

The collecting of dirt in the escapement mechanism may result in a change of shutter speeds, i.e. speeds will run to long. For cleaning the escapement mechanism must be removed (see sheet 23). The escapement mechanism should be washed in a special cleaning fluid (see sheet 54).

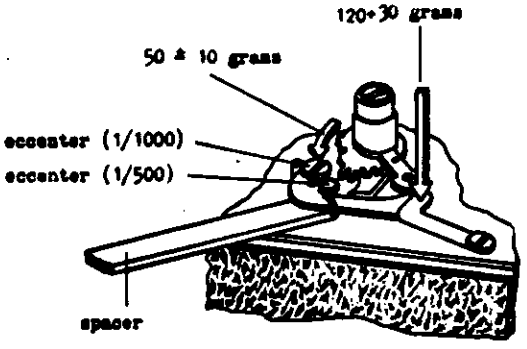


Fig. 12.1

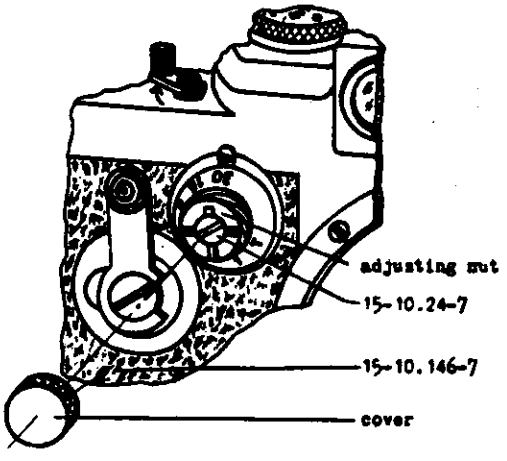


Fig. 13.1

Refit the cover plate (see sheets 1 to 3).
Refit the housing (see sheets 4 to 5).

Insert the mirror 42 216 - Z1 W46 into the focal plane between the main body and the pressure plate.

Tension the shutter of the Leica, se. the speed dial 42-700.01-812 1/500 second, and fit the Leica to the light drum.
Press the release button, and check whether the shutter curve matches the drum image (Fig. 11.1). Repeat with the shutter speed dial set to 1/100 and to 1/250 second.

To test the slow shutter speeds with the housing in place, insert the mirror 42 216-Z1 W 46 in the focal plane between main body and pressure plate.

Check the shutter speeds from 1/30 to 1 second with the slow speed testing instrument. The pointer reading must be within the limits of 0.3 ± 10 % mA on the scale.

TECHNISCHER KUNDENDIENST

Setting and checking the release mechanism

Blatt 19

Tools and gauges

1. Screw driver, 2.8 mm. dia.	
2. Feeler gauge, 0.25 and 0.4 mm.	42 216 Z1 A2
3. Test weight 220 + 65 Grams	42 216 Z1 A45
4. Spanner	42 216-530 W5

Sequence of operations:

Unscrew the release guard 42-700.01-709 with the spanner 42 216-530 W5.

1. Tension the shutter of the Leica. Place the 0.4 mm. Blade of the feeler gauge 42 216 - Z1 A2 between the release button and the top of the threaded sleeve. Press the release button. The shutter must not run down.

2. Place the 0.25 mm. Blade of the feeler gauge 42 216 - Z1 A2 between the release button and the top of the threaded sleeve. Press the release button. The shutter must run down.

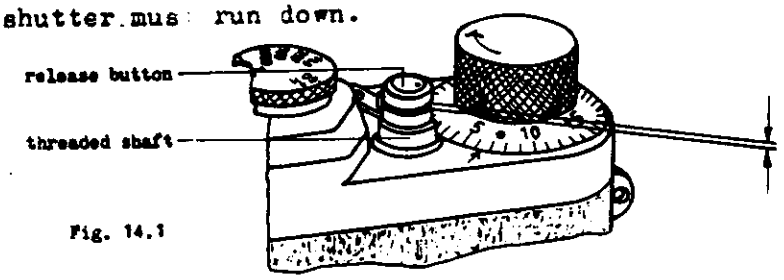


Fig. 14.1

If the Leica shutter is released with the 0.4 mm. blade in position, push the leaf spring 42 216 - 270 away from the locking pawl 42 216-217. If the shutter does not run down with the 0.25 mm. blade in position, push the leaf spring closer to the locking pawl. Slacken the two screws M1.7 x 5 DIN 84 for this purpose with the 2.8 mm. dia. schrew drifer.

3. Tension the shutter of the Leica. Place the test weight 42 216 - Z1 A45 with 220 grams on top of the release button. The shutter must not run down.

4. Place the test weight with 220 + 65 grams on top of the release button. The shutter must run down.

If the shutter of the Leica is released already by a pressure of 220 grams, remove the two screws M 1.7 x 5 DIN 84 with the 2.8 mm. dia. screw driver. Take off the washers 15-12.02-22 and the leaf spring 42 216-270. Bend the spring so as to increase the counter pressure against the release shaft. If the shutter is not released by a pressure of 285 grams, bend the spring in the opposite way.

TECHNISCHER KUNDENDIENST

Assembling and testing the delayed action mechanism

Sheets 20 and 21

Tools

1. Screw driver, 2.2 mm. dia.
2. Screw driver, 2.8 mm. dia.
3. Screw driver, 3.5 mm. dia.
4. Hammer, weight 50 grams

Note:

Before assemling and testing the delayed action release, the release mechanism must be properly set and checked (see sheet 19).

Sequence of operations:

Screw the delayed action mechanism to the front plate with three schrews 15-10.170-20, using the 2.2 mm, dia. screw driver (see Fig. 15).

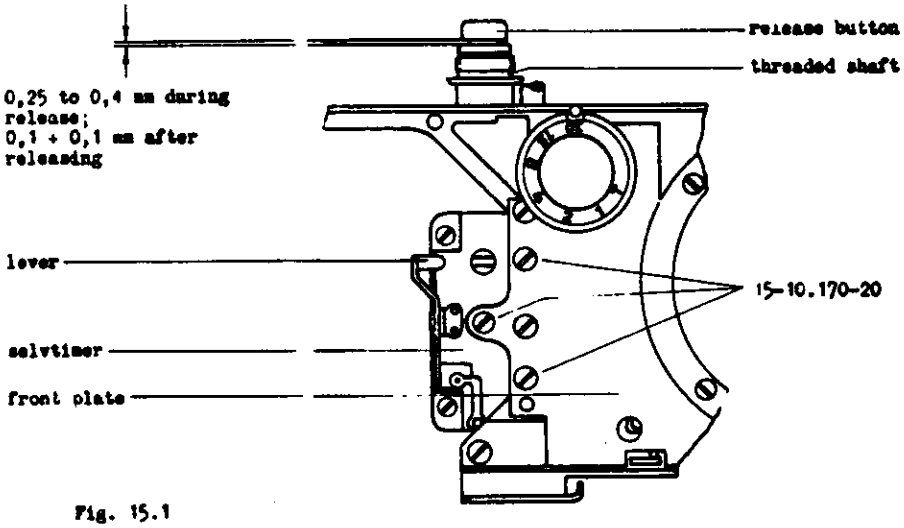


Fig. 15.1

Tension the delayed action mechanism with the 3.5 mm. dia. screw driver. Tension the shutter of the Leica.

Set the shutter speed dial to 1/30 second.

Press the lever against the delayed action mechanism until the shutter runs down. Make sure that the distance between the release button and the threaded sleeve is 0.25 to 0.4 mm. during releasing; after releasing the distance should be 0.1 + 0.1 mm.

2. 5.67

If the shutter is not released, slacken the three screws 15-10. 170-20 with the 2.2 mm. dia. screw driver. Adjust the position of the delayed action michanism, screw down tight, and release it as described above.

TECHNISCHER KUNDENDIENST

Assembling and testing the delayed action mechanism

Continued from sheet 20

If the shutter does not release properly, remove the screw 15-10. 140-18 with the 2.8 mm. dia screw driver. Lift off the release cam (Fig. 16.1).

Extend the cam with the 50 gram hammer if the shutter is not released with the shutter speed dial set to 1/30 second.

Shorten the cam if the delayed action mechanism does not run down and the release button is in contact with the top of the threaded sleeve (Fig.15.1).

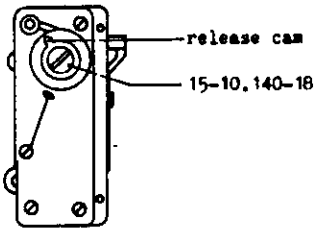


Fig. 16.1

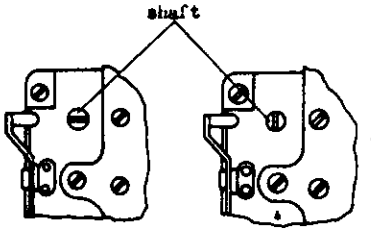


Fig. 17.1

Fully tension the delayed action mechanism and let it run down until the slot in the shaft is either horizontal or vertical. (Fig. 17.1) Fit the housing (see sheets 4 and 5).

Testing:

Tension the shutter of the Leica, and set the shutter speed dial to B. Press the release pin 42 491 - 89, let the delayed action mechanism run down, and observe the shutter blinds. See Fig. 17 for the correct position of the tensioning lever as the shutter blinds run down.

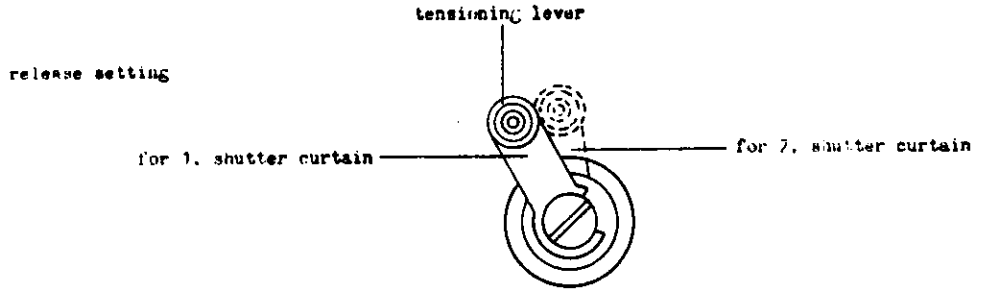


Fig. 18.1

TECHNISCHER KUNDENDIENST

Removing and refitting the front plate

Sheet 22

Tools:

1. Screw driver, 1.8 mm. dia.
2. Screw driver, 2.2 mm. dia.
3. Screw driver, 2.8 mm. dia.

Sequence of operations:

Unscrew the four screws 15-10. 20-16 with the 2.8 mm. dia.screw driver (see sheet 7, Fig. 5) Take off the lens mounting ring.

Remove the three screws 15-10. 175-10 and one screw M1.7 x 4 LN 120 19 with the 1.8 mm. dia screw driver (see Fig. 9.1). Unscrew six screws 15-10. 170-20, one screw 15-10. 170-19, and one screw 15-10. 174-12 with the 2.2 mm. dia. screw driver.

Lift off the front plate.

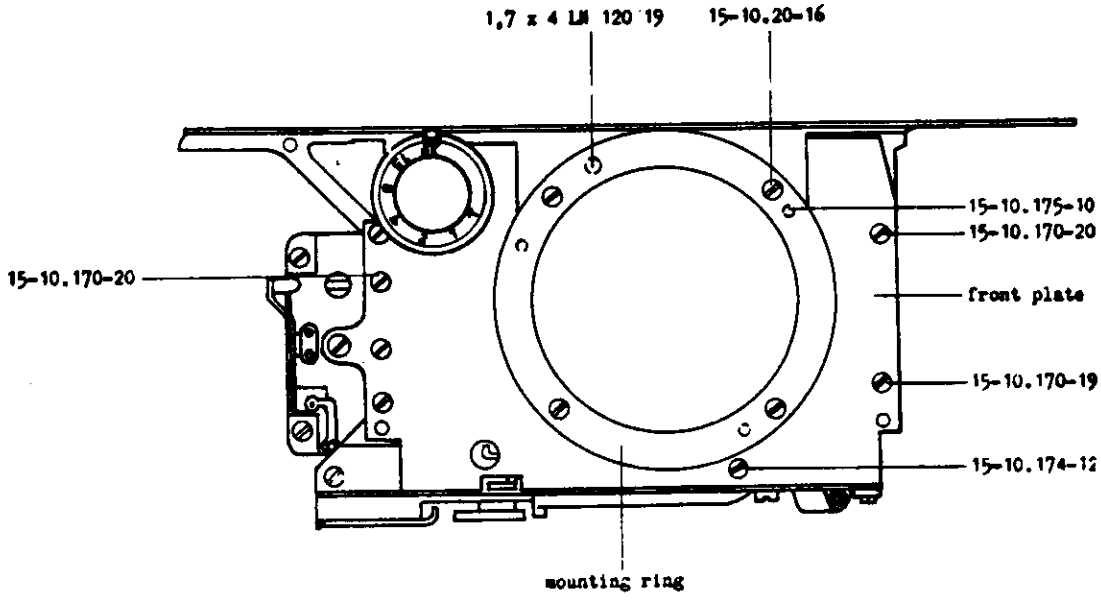


Fig. 19.1

Refit the front plate proceeding in the reverse order.
For refitting of the lens mounting ring see sheet 7.

TECHNISCHER KUNDENDIENST

Removing and refitting the escapement mechanism

Sheet 23

Tools:

1. Screw driver, 2.8 mm. dia.

Sequence of operations:

Remove the housing (see sheets 4 and 5).
Remove the front plate (see sheet 22).
Carefully lift out the two masks (see Fig. 20.1).

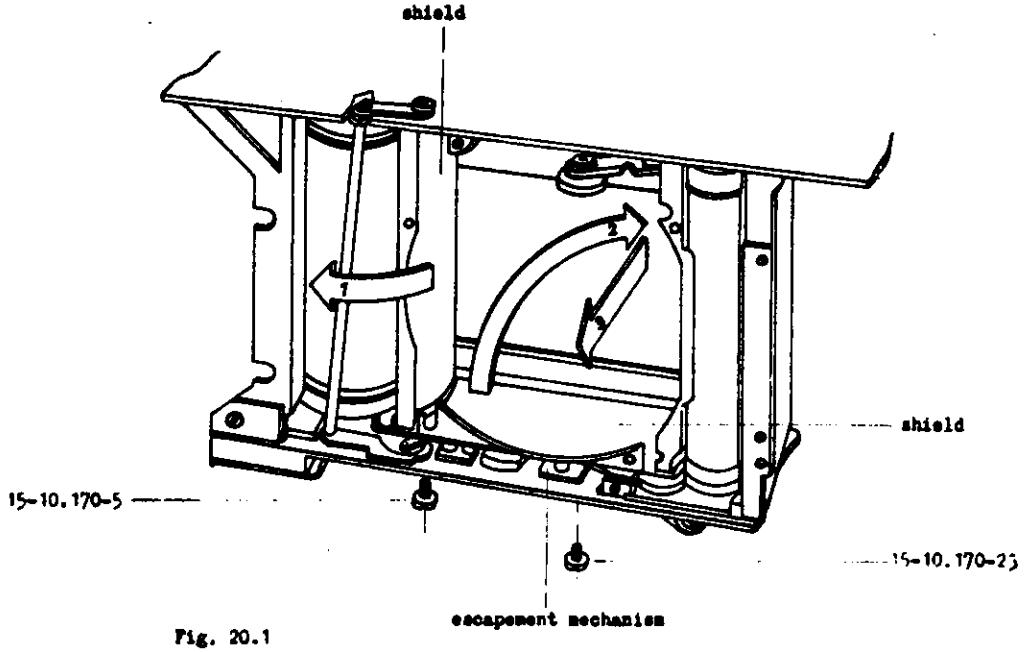


Fig. 20.1

Remove the screws 15-10. 170-23 and 15-10. 170-5 with the 2.8 mm. dia screw driver.
Take out the escapement mechanism.
Refit the escapement mechanism by proceeding in the reverse order.

Check: Positioning of the lens mounting ring (see sheet 7)
Shutter speeds (see sheets 16 to 18)
Rangefinder (see sheets 12 to 15)

TECHNISCHER KUNDENDIENST

Additional adjustments when using a new cover plate

Tools and auxilliary requisites

1. Twist drill 2.6 mm. dia.
2. Screw driver, 2.2 mm. dia.
3. Protective luquer

The following parts are needed:

1. Two rubber fillets, 3 mm. dia.
2. Roll 42-700.01-119
3. Screw 15-10.174-14

Sequence of Operations

Remove the base plate.
Take out the take-up spool.
Unscrew the two screws 15-10.170-20 below the vounting disc. screwed in from the spool chamer, by means of the 2.2 mm. screw driver.
Unscrew two screws 15-10.174-12 from the unside of the magazine chamer.
Fit the take-up spool over the spool shaft, and replace and lock the base plate.

Remove the cover plate (see sheets 1.1 to 3.1), but without removing the base blate.

Unscrew the screw 15-10.170-20 opposite the pin of the bearing with the 2.2 mm. screw driver.

Drill the hole oposite the pin on the bearing to a depth of 1.1 mm. with the 2.6 mm. twist drill.

Insert the roll 42.700.01-119 in the 2.6 mm. drill hole, and secure with lacquer. (Fig. 70.1).

Glue two rubber fillets over the holes in the body casting with lacquer.

Replace the cover plate
(see sheets 1.1, 2.1 and 3.1).

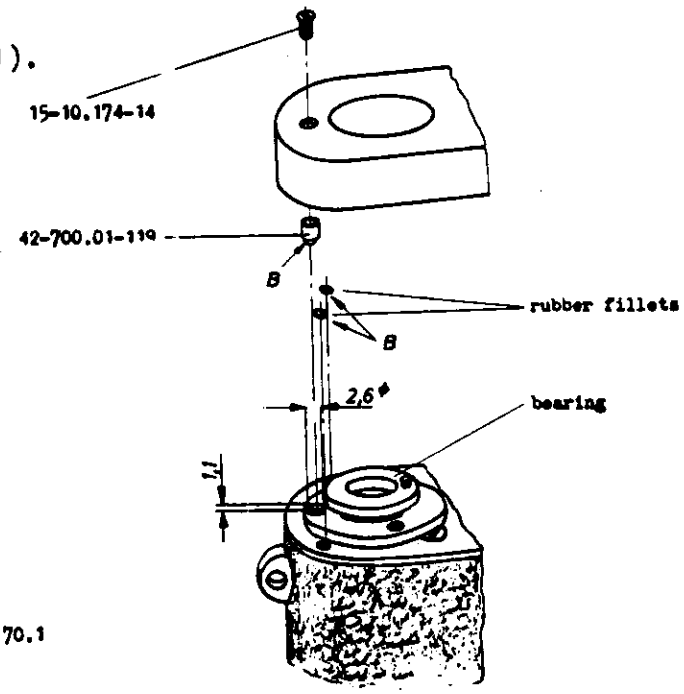


Fig. 70.1

TECHNISCHER KUNDENDIENST

2. 5.67

Conversion of Leica Ig to IIIg

Sheet 51, 52 and 53

Tools and Appliances

1. Drilling jig	42 491-U80 W3
2. Countersinking jig	42 491-U80 W5
3. Sountersink bit	LN 144.33.088
4. Twist drill, 1.45 mm dia.	
5. Twist drill, 4.3 mm dia.	
6. Twist drill, 5.1 mm dia.	
7. Screw tap M 1.7	
8. Rose bit, 6 mm. dia	

In addition the tools listed on sheets 1 and 4 of the Servicing Instructions for the Leica IIIg are required.

New Parts needed for Conversion:

Description	Part No.	Quantity	Sheet No. of Leica IIIg Spare Parts List
1. Cover plate	42-700.01-675	1	2
2. Locking ring	42-700.01-724	1	2
3. Prism window mount	42 216 -307	1	2
4. Locking ring	42-700.01-717	1	2
5. Plain window mont	42-700.01-713	1	2
6. Screw	15-10.22-7	1	2
7. Nut	42-700.01-640	1	2
8. Focusing lever	42-700.01-637	1	2
9. Accessory shoe	42-700.01-761	1	3
10. Screw	15-10.173- 10	1	6
11. Tensioning lever	42-491-97	1	6
12. Tensioning cams (0.4,0.45,0.5)	42-491-96	2	6
13. Screw	15-10.140-19	1	6
14. Washer	42-491-94	1	6
15. Screw	15-10.174-12	3	6
16. Bearing plate	42-491-92	1	6
17. Intermediate plate, mont.	42-491-101	1	6
18. Delayed action mechanism	42-491-5	1	7
19. Cover	42-491-3	1	7
20. Screw	15-10.142-8	2	7
21. Complete finder unit	42-700.01-478	1	12
22. Round spring	42-700.01-642	1	14
23. Coupling lever	42-700.01-639	1	14
24. Screw	15-10.170-20	3	7
25. Screw	15-10.170-23	1	12
26. Screw	15-10.174-12	1	12
27. Screw	15-10.170-5	1	12
28. Eyepiece shell	42-700.01-726	1	3
29. Screw	15-10.120-6	2	3
30. Coupling piece	42-491-81	1	6
31. Coupling shaft	42-491-91	1	6

TECHNISCHER KUNDENDIENST

2. 5.67

Conversion of Leica Ig to IIIg

Parts Discarded on Conversion:

Description	Part No.	Quantity	Sheet No. of Leica IIIg Spare Parts List
1. Cover plate	42-706.01-580	1	16
2. Covering sleeve	42-706.01-540	1	16
3. Sleeve	42-706.01-541	1	16
4. Accessory shoe	42-706.01-616	2	17
5. Stop angle bracket	42-706.01-619	2	17
6. Accessory shoe holder	42-706.01-622	1	17
7. Screw	15-10.175-10	4	17
8. Pressure cheek	42-253.01-780	2	17
9. Spring	42-700.01-763	2	17
10. Screw	15-10.175-8	2	17
11. Cover plate	42-706.01-545	1	20
12. Screw	15-10.174-13	2	20
13. 50 mm brilliant finder	42 486-603	1	-

Sequence of Operations

Base plate 42 531-498
Remove the base plate and withdraw the take-up spool

Removal of the cover Plate (see also sheets 16 and 17 of the Spare Parts List for the Leica IIIg).

Winding knob 42-700.01-135
Slacken the grub screw M 2x7 LN 120 43 on the winding knob through two turns by means of the 1.8 mm dia. screw driver. Unscrew the winding knob anti-clockwise. Lift off the counting disc 42 216-519 and the gear ring 42 216-74. Withdraw the winding shaft 42-700.01-102 from below.

Release guard 42-700.01-709
Unscrew the release guard with the spanner 42 216-530 W5

Reversing lever 42-700.01-35
Set the reversing lever to "A", unscrew the screw 15-10.172-7 with the 2.8 mm dia. screw driver, and lift off the reversing lever.

Speed dial 42-700.01-812
Unscrew the three grub screws M 1.4 x 1.8 DIN 553 on the speed dial with the 1.4 mm dia screw driver. Lift off the speed dial. Raise and disengage the coupling piece underneath the speed dial. Unscrew the three grub screws M 1.7 x 1.8 DIN 553 with the 1.4 mm dia. screw driver, and lift off the coupling piece from above.
When the speed dial 42-700.01-812 with the angular flash arrows is used, the perforated setting disc 42-700.01-810 (perforation on the dylindrical surface) and the black guiding sleeve 42-700.01-811 must alsways be fitted (see Spare Parts List for the Leica IIIg, sheet 9.2).
Accessory shoe 42-700.01-616
Unscrew the four screws 15-10.175-10 on the accessory shoe nearest to the speed dial with the 2.2 mm dia. screw driver, and lift off the accessory shoe. Unsolder the soldered connections underneath with the soldering iron.

TECHNISCHER KUNDENDIENST

Conversion of Leica Ig to IIIg

Cover plate 42-700.01-675
With the 2.2 mm dia. screw driver unscrew the two screws 15-10.174-12, screwed in from inside the cassette chamber, and the screw underneath the counting disc. Lift off the cover plate from above.

Rewind knob 42-700.01-626
Pull up the rewind knop and unscrew the screw 15-10.235-5 with the 2.8 mm dia. screw driver. Pull off the rewind knob the sleeve 42-700.01-633, the covering sleeve 42-700.01-540, and the sleeve 42-700.01-541 from above. Remove the rewind shaft 42-700.01-631, the washer 15-12.06-19, and the friction spring 42 216-19 from below.

Removal of the Housing (see also sheet 18 of the Spare Parts List for the Leica IIIg).

Housing 42-700.01-656
Remove the two screws M 1.7 x 4 LN 120 25 with the 2.2 mm dia. screw driver. Insert a piece of film into the film track between the main body and the pressure plate 42 216-463, and carefully draw off the housing from below.

Take out the pressure plate and the two leaf springs 42 216-462.

Unscrew the two screws 15-10.174-13 on the cover plate 42-700.01-545 (see sheet 20 of the Spare Parts List for the Leica IIIg) with the 2.2 mm dia. screw driver. Take off the cover plate.

Work on the Housing

Slide the housing over the drilling jig 42 491-U80 W3 and clamp tightly. Drill three holes with the 1.45 mm twist drill, and one hole each with the 4.3 mm twist drill and with the 5.1 mm twist drill.
Mount the housing on the countersinking jig 42 491-U80 W5, and countersink away the leather covering with the head countersink bit.
Remove the burrs on the inside and outside of all drill holes.
Cut three threads with the 1.7 mm screw tap. Coat the countersunk surface with black matt vornish.

Fit the self-timer mechanism 42-491-5 together with the cover 42- 491-3 and the two screws 15-10.174-8 (see Servicing Instructions for the Leica IIIg, sheets 20 and 21).

Mount the finder unit 42-700.01-478 on the main body with the screws 15-10.170-5, 15-10.170-20, and 15-10.174-12 (see Servicing Instructions for the Leica IIIg, sheet 6).

Fit the housing (see Servicing Instructions for the Leica IIIg, sheets 4 to 5).

Use a shim 42 216-491 if necessary to align the accessory shoe with the main body.

adjust the rangefinder (see Servicing Instructionsfor the Leica IIIg, sheets 12 to 15).

Fit the cover plate (see Servicing Instructions for the Leica IIIg, sheets 1 to 3).

Check all camera operations.

TECHNISCHER KUNDENDIENST

2. 5.67

Cleaning and Lubricating the Escapement

Sheet 54

Note

Dirt in the escapement mechanism can result in increased exposure times. The escapement must be cleaned in perfectly pure cleaning petrol, and lubricated only with the lubricants listed below.

Cleaners and Lubricants

1. Lead-free cleaning petrol
2. Medium No. 100
3. Lubricant No. 601 (ΔΔΔ)
4. Lubricant No. 602 (●●●)
5. Lubricant No. 830 (XXX)
6. Brush

Sequence of operations

Remove the escapement mechanism 42-700.01-370 from the camera (see sheet 23).

Place the escapement mechanism for 15 minutes in a bath of cleaning petrol. Wind up the escapement several times while in this bath, and let it run down with the escapement anchor engaged.

Let the escapement mechanism dry out.

Apply the medium No. 100 drop by drop with a brush to all bearings and let it dry thoroughly.

Apply lubricant No. 602 to the two cups of the ratchet wheel bearings (see fig. 71.1).
Lubricate all other bearings lightly with lubricant No. 601.
The use of an OBAMA oil injector (scale setting 10) is recommended for this purpose.

Coat the contact rivet of the drive segment and the bent-down edge of the sliding member with lubricant No. 830 (see fig. 71.1).

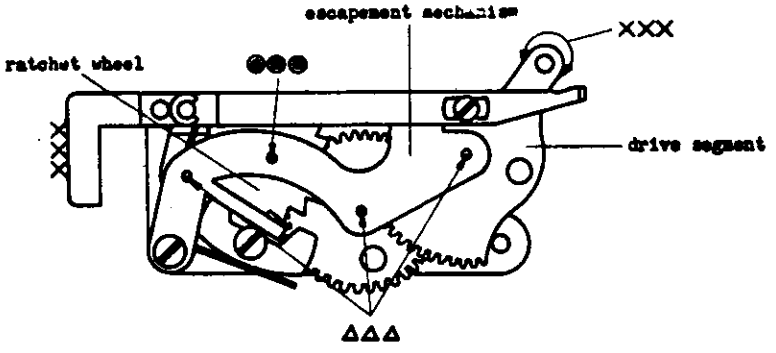
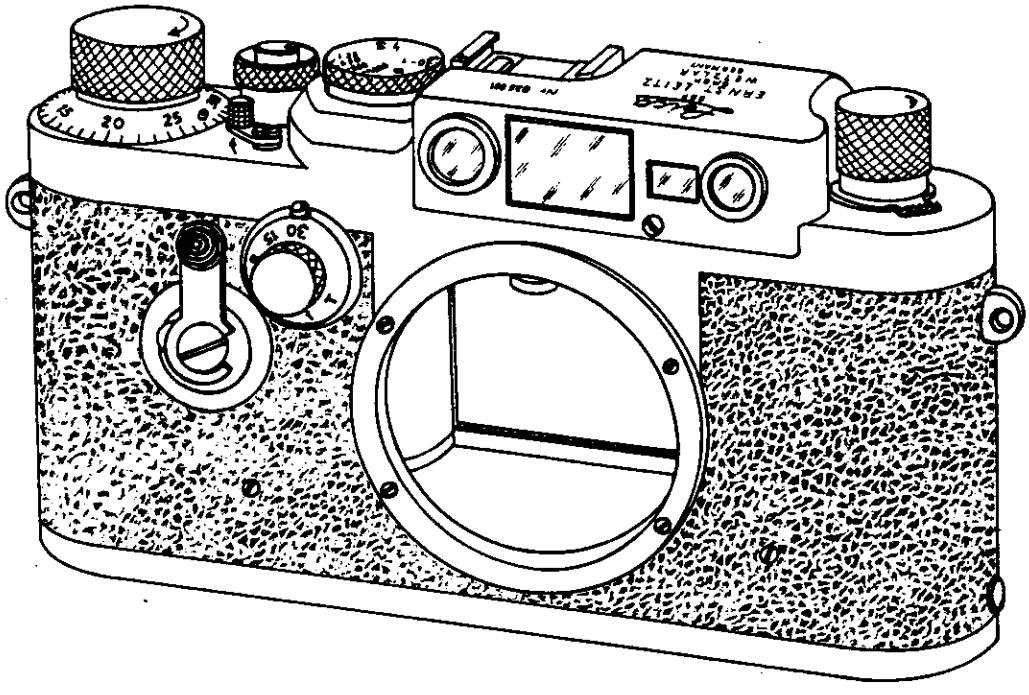
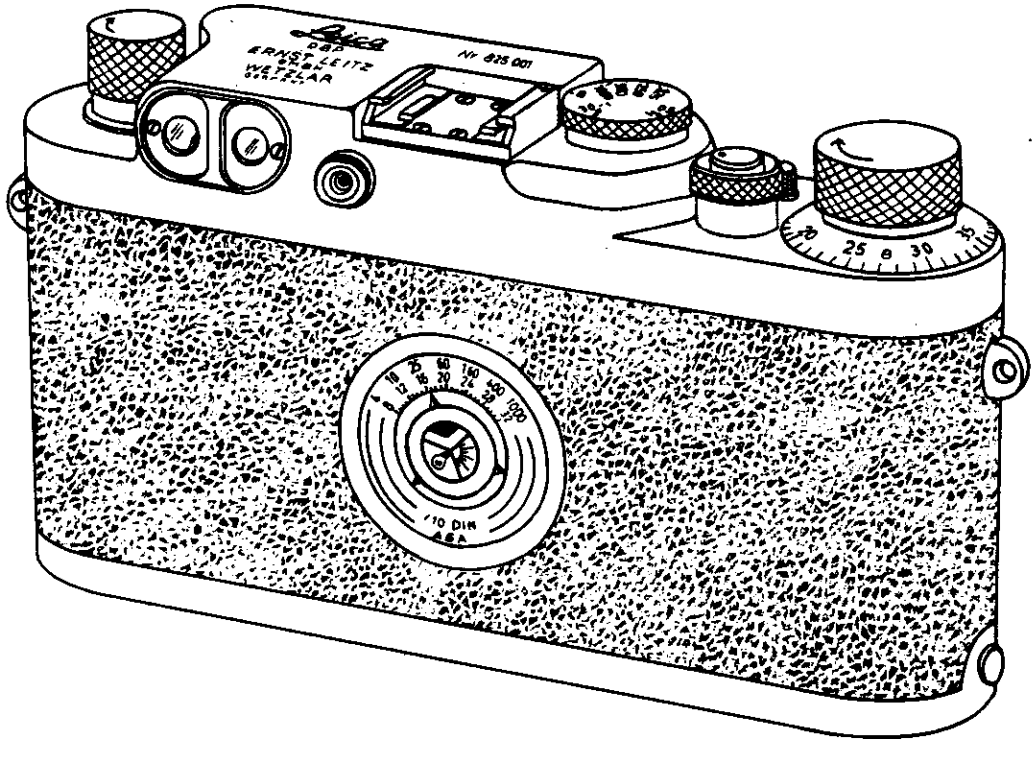


Fig. 71.1

Refit the escapement mechanism (see sheet 23).

TECHNISCHER KUNDENDIENST





TECHNISCHER KUNDENDIENST

1. 9.64

Leitz WETZLAR

Leica IIIg 825 001...988 350

Blatt Sheet 2.1

Bestell-Nr Part-No	Benennung Description	Leica - Modell							
		IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
15-12.04-16/1	Unterlegscheibe 0,3 mm nach Bedarf washer, when needed	1	1	-	-	-	-	-	-
15-12.06-19/1	Scheibe washer	1	1	1	1	1	1	1	1
15-12.07- 8/1	Federscheibe spring washer	1	1	1	1	1	1	1	1

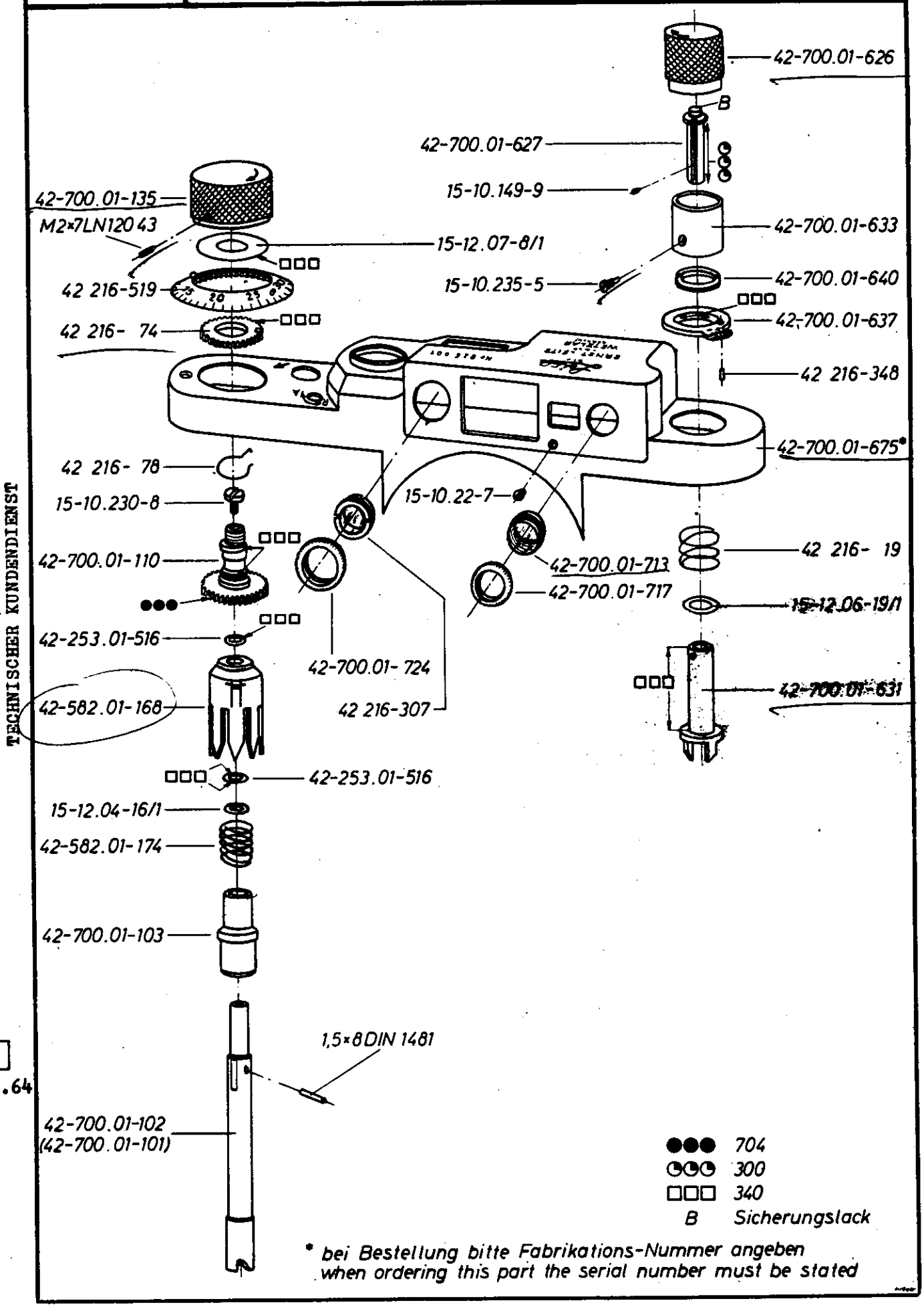
TECHNISCHER KUNDENDIENST

Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 19	Friktionsfeder friction spring	1	1	1	1	1	1	1	1
42 216- 74	Zahnkranz gear ring	1	1	1	1	1	1	1	1
42 216- 78	Feder spring	1	1	1	1	1	1	1	1
42 216-307	Keilglasfassung prism window mount	1	-	1	1	-	1	1	-
42 216-348	Mitnehmerstift coupling pin	1	-	1	1	-	1	1	-
42 216-519	Zähleinrichtung, montiert counting mechanism, ass.	1	1	1	1	1	1	1	1
42-253.01-516	Scheibe (Zelluloid) washer	2	2	-	-	-	-	-	-
42-582.01-168	Spulenhalter spool holder	1	1	-	-	-	-	-	-
42-582.01-174	Friktionsfeder friction spring	1	1	-	-	-	-	-	-
42-700.01-101	Aufzugachse, kompl. winding shaft, compl.	1	1	-	-	-	-	-	-
42-700.01-102	Aufzugachse winding shaft	1	1	-	-	-	-	-	-
42-700.01-103	Hülse sleeve	1	1	-	-	-	-	-	-
42-700.01-110	Aufzugrad winding gear	1	1	-	-	-	-	-	-
42-700.01-135	Aufzugknopf winding knob	1	1	-	-	-	-	-	-
42-700.01-626	Rückwickelknopf rewind knob	1	1	-	-	-	-	-	-
42-700.01-627	Führungsstift guide pin	1	1	-	-	-	-	-	-
42-700.01-631	Spulenmitnehmer rewind shaft	1	1	-	-	-	-	-	-
42-700.01-633	Hülse sleeve	1	1	-	-	-	-	-	-
42-700.01-637	Einstellhebel, mit Stift focusing lever, with pin	1	-	-	-	-	-	-	-
42-700.01-640	Mutter nut	1	-	-	-	-	-	-	-
42-700.01-675	Deckkappe, kompl. cover plate, compl.	1	-	-	-	-	-	-	-
42-700.01-713	Deckglasfassung, kompl. plain window mount, compl.	1	-	-	-	-	-	-	-
42-700.01-717	Vorschraubmutter locking ring	1	-	-	-	-	-	-	-
42-700.01-724	Vorschraubmutter locking ring	1	-	-	-	-	-	-	-
1,5 x 8 DIN 1481	Spannstift tensioning pin	1	1	1	1	1	1	1	1
M 2 x 7 LN 120 43	Schraube, verchromt screw, chrome-plated	1	1	-	-	-	1	1	1
15-10.149- 9	Anschlagschraube, brüniert stop screw, burnished	1	1	-	-	-	-	-	-
15-10.22 - 7	Schraube, verchromt screw, chrome-plated	1	-	-	-	-	-	-	-
15-10.230- 8	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.235- 5	Führungsschraube, verchromt lead screw, chrome-plated	1	1	1	1	1	1	1	1

TECHNISCHER KUNDENDIENST



TECHNISCHER KUNDENDIENST

1. 9.64

Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr / Part-No	Benennung / Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42-253.01-780	Druckbacke pressure cheek	1	2	-	-	-	-	-	-
42 531 -497	Deckel, kompl. 1/4 " base plate, complete 1/4 "	1	1	1	1	1	-	-	-
42 531 -498	Deckel, komplett 3/8 " base plate, complete 3/8 "	1	1	1	1	1	-	-	-
42 531 -499	Knebel toogle	1	1	1	1	1	1	1	1
42 531 -500	Lagerbolzen bearing pin	1	1	1	1	1	1	1	1
42 531 -501	Klappbügel folding bracket	1	1	1	1	1	1	1	1
42 531 -505	Verriegelung lock	1	1	1	1	1	1	1	1
42 531 -508	Unterlegscheibe washer	1	1	1	1	1	1	1	1
42 531 -511	Deckel, punktgeschweißt 3/8 " base plate, spot welded 3/8 "	1	1	1	1	1	-	-	-
42 531 -517	Deckel, punktgeschweißt 1/4 " base plate, spot welded 1/4 "	1	1	1	1	1	-	-	-
42 531 -540	Steckerbuchse plug socket	1	1	1	1	1	-	-	-
42 5.. -542	Schlitzmutter slotted nut	1	1	1	1	-	-	-	-
42-700.01- 35	Entkupplungshebel reversing lever	1	1	-	-	-	-	-	-
42-700.01-313	Zeitscheibenträger coupling piece	1	1	-	-	-	-	-	-
42-700.01-701	Lötfahne soldering tag	1	1	-	-	-	-	-	-
42-700.01-709	Schutzhülse release guard	1	1	-	-	-	-	-	-
42-700.01-726	Augenmuschel eyepiece shell	1	-	-	-	-	-	-	-
42-700.01-761	Befestigungsklemme accessory shoe	1	-	-	-	-	-	-	-
42-700.01-763	Druckbackenfeder spring	1	2	-	-	-	-	-	-
42-700.01-812	Zeitscheibe speed dial	1	1	-	-	-	-	-	-
M1,4 x 1,8 DIN553	Gewindestift, verchromt grub screw, chrome-plated	3	3	3	3	3	-	-	-
M1,7 x 1,8 DIN553	Gewindestift, verchromt grub screw, chrome-plated	3	3	3	3	3	-	-	-
15-10.120- 6	Schraube, schwarz-halbmatt screw, black semimat	2	-	-	-	-	-	-	-
15-10.172- 7	Schraube, verchromt screw, chrome-plated	1	1	-	-	-	-	-	-
15-10.174-12	Senkschraube, brüniert countersunk screw, burnished	2	2	2	2	2	2	2	2
15-10.174-14	Schraube, brüniert screw, burnished	1	1	-	-	-	-	-	-
15-10.175-10	Linsenschraube, verchromt oval head screw, chrome-plated	4	8	4	-	-	4	-	-
15-10.22 - 9	Linsenkopfschraube, schwarz-halbmatt oval head cap screw, black semimat	1	1	1	1	1	1	1	1
15-12.05 -17/1	Unterlegscheibe washer	1	1	1	1	1	1	1	1
15-12.05 -22/7	Unterlegscheibe washer	1	1	1	1	1	1	1	1

TECHNISCHER KUNDENDIENST

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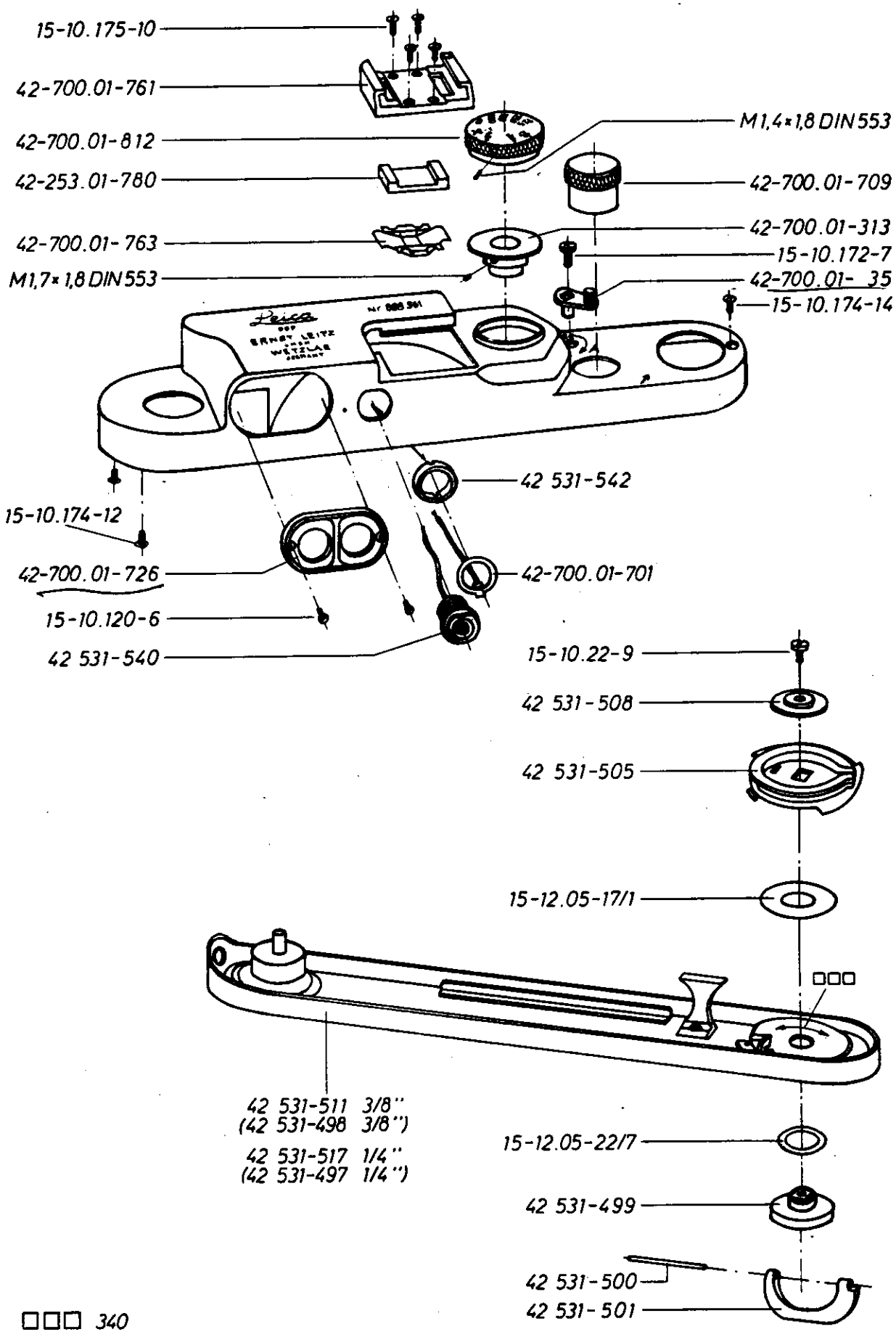

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TECHNISCHER KUNDENDIENST

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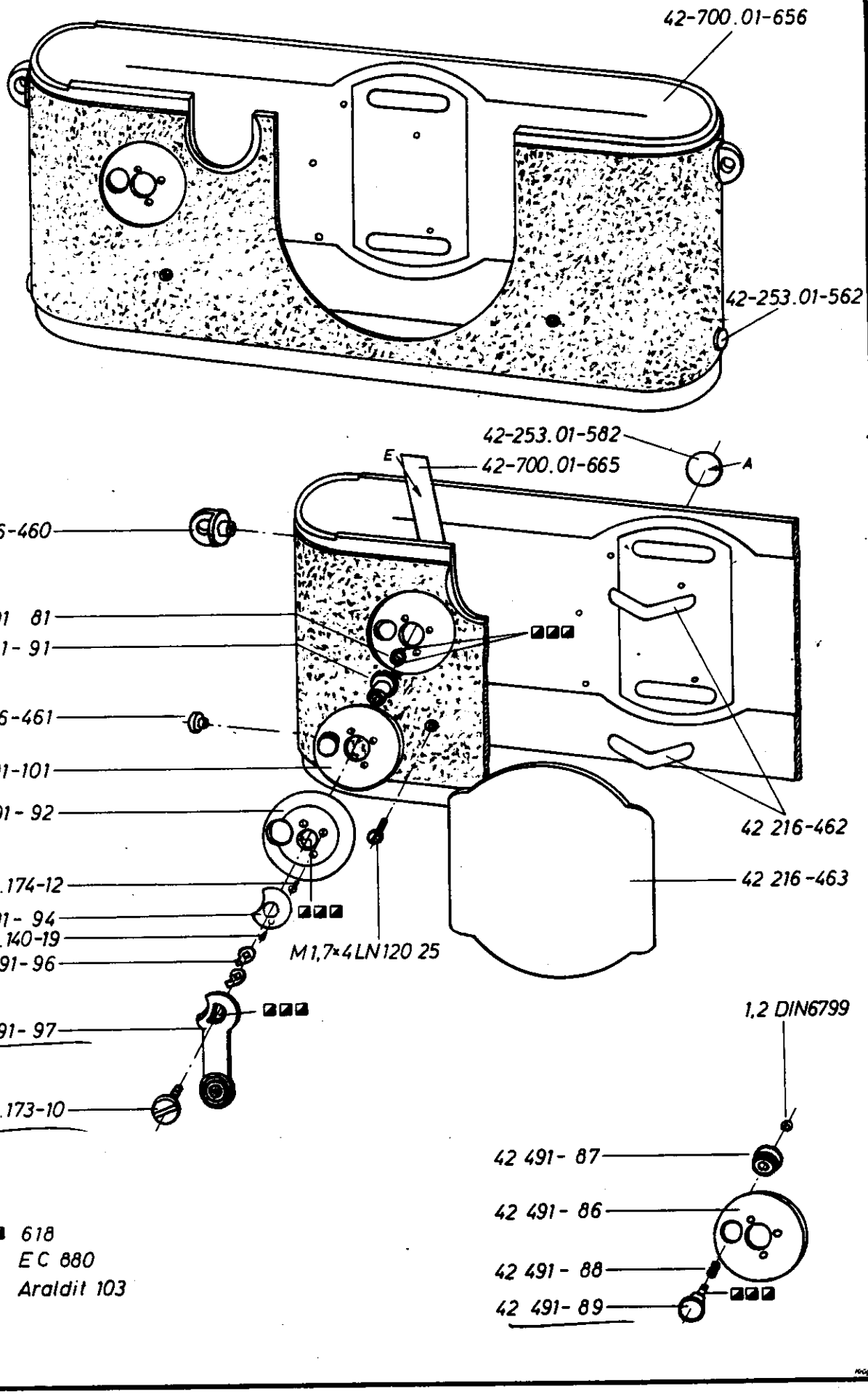
1. 9.64

Leica IIIg 825001...988350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIK	If	IIIc	IIc	Ic
42 216-460	Öse eyelet	2	2	2	2	2	2	2	2
42 216-461	Niet rivet	1	1	1	1	1	1	1	1
42 216-462	Blattfeder leaf spring	2	2	2	2	2	2	2	2
42 216-463	Federdeckel pressure plate	1	1	1	1	1	1	1	1
42-253.01-562	Niet rivet	1	1	1	1	1	1	1	1
42-253.01-582	Bildscheibe image plate	1	1	-	-	-	-	-	-
42 491- 81	Kreuzstück coupling piece	1	-	1	-	-	-	-	-
42 491- 86	Zwischenplatte plate	1	-	1	-	-	-	-	-
42 491- 87	Federbuchse spring bearing	1	-	1	-	-	-	-	-
42 491- 88	Druckfeder pressure spring	1	-	1	-	-	-	-	-
42 491- 89	Auslösebolzen release pin	1	-	1	-	-	-	-	-
42 491- 91	Mitnehmerachse coupling shaft	1	-	1	-	-	-	-	-
42 491- 92	Mitnehmerlager bearing plate	1	-	1	-	-	-	-	-
42 491- 94	Unterlegscheibe washer	1	-	1	-	-	-	-	-
42 491- 96	Spannocken 0,4; 0,45; 0,5 nach Bedarf tensioning cam 0.4; 0.45: 0.5 when needed	2	-	2	-	-	-	-	-
42 491- 97	Spannhebel tensioning lever	1	-	1	-	-	-	-	-
42 491-101	Zwischenplatte, montiert plate, ass.	1	-	1	-	-	-	-	-
42-700.01-656	Gehäuse, vollständig housing, compl.	1	-	-	-	-	-	-	-
42-700.01-665	Samtstreifen velvet strip	1	1	1	1	1	1	1	1
1,2 DIN 6799	Sicherungsscheibe retaining washer	1	-	1	-	-	-	-	-
M1,7x4 LN 120 25	Schraube, schwarz-halbmatt screw, black semimat	2	2	2	2	2	2	2	2
15-10.140-19	Schraube, brüniert screw, burnished	1	-	1	-	-	-	-	-
15-10.173-10	Schraube, verchromt screw, chrome-plated	1	-	1	-	-	-	-	-
15-10.174-12	Schraube, brüniert screw, burnished	3	-	3	-	-	-	-	-

TECHNISCHER KUNDENDIENST



TECHNISCHER KUNDENDIENST

1. 9.64

Leitz WETZLAR

Leica IIIg 825 001...988 350

Blatt Sheet 5.1

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	Mc	IIc	Ic
15-10.174- 8	Schraube, brüniert screw, burnished	3	3	-	-	-	-	-	-
15-10.174-12	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.175-10	Schraube, brüniert screw, burnished	3	3	4	4	4	4	4	4
15-10.20 -16	Schraube, vercnromt screw, chrome-plated	4	4	4	4	4	4	4	4
15-10.24 - 7	Schraube, brüniert screw, burnished	1	1	1	-	-	1	-	-
15-12.02-22/5	Scheibe washer	1	1	1	-	-	1	-	-
15-12.02-24/1	Scheibe washer	1	-	1	-	-	-	-	-

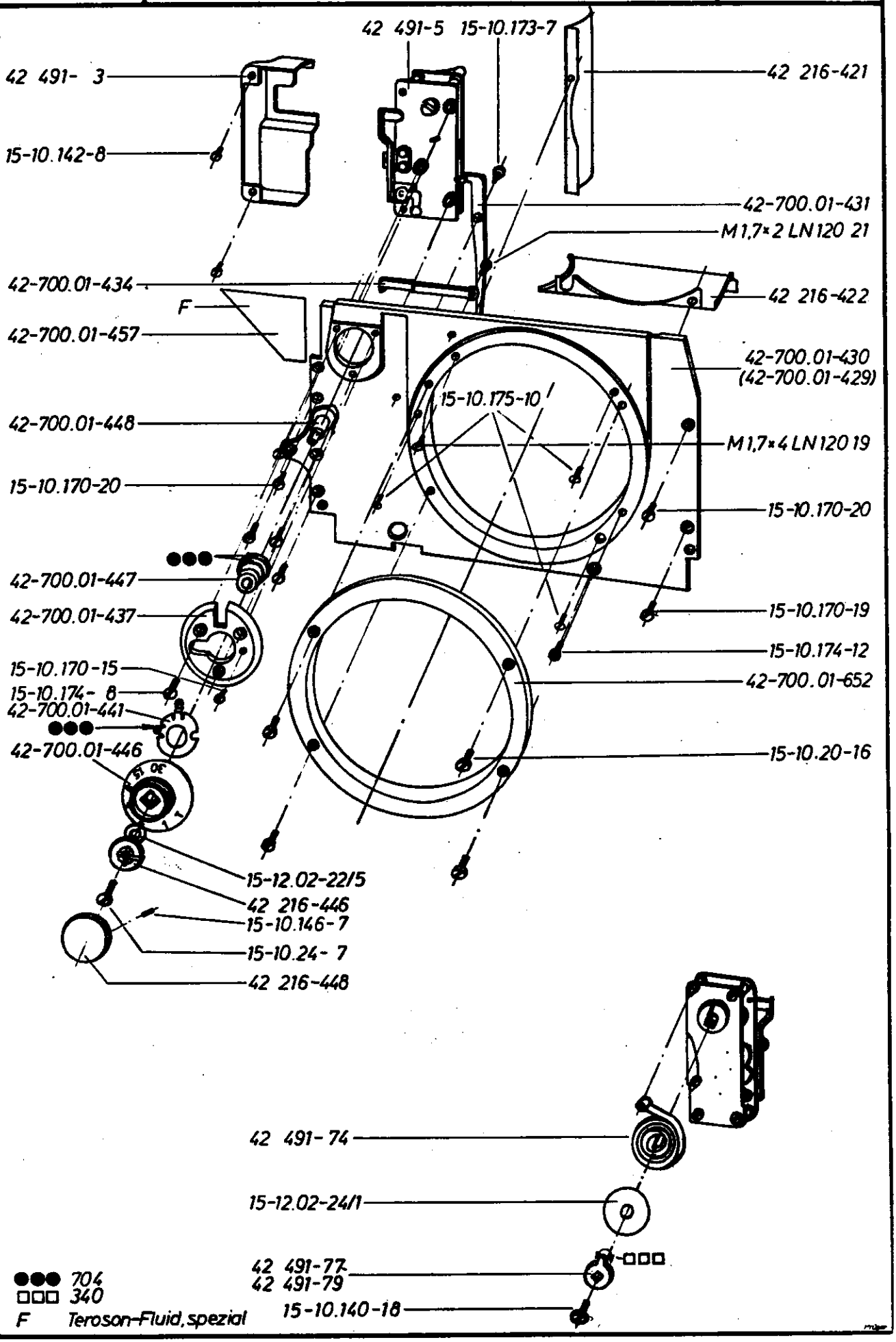
TECHNISCHER KUNDENDIENST

Leica IIIg 825001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell							
		IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216-421	Blende light shield	1	1	1	1	1	1	1	1
42 216-422	Blende light shield	1	1	1	1	1	1	1	1
42 216-446	Einstellmutter adjusting nut	1	1	1	-	-	1	-	1
42 216-448	Schutzkappe cover	1	1	1	-	-	1	-	1
42 491- 3	Schutzkappe cover	1	-	1	-	-	-	-	-
42 491- 5	Vorlaufwerk, montiert delayed action mechanism, ass.	1	-	1	-	-	-	-	-
42 491- 74	Feder spring	1	-	1	-	-	-	-	-
42 491- 77	Auslösenocke release cam	1	-	1	-	-	-	-	-
42 491- 79	Auslösenocke, bei Bedarf release cam, when needed	1	-	1	-	-	-	-	-
42-700.01-429	Frontplatte, montiert mit Hebel und Langzeitenknopf front plate, ass. with lever and slow speed dial	1	1	-	-	-	-	-	-
42-700.01-430	Frontplatte front plate	1	1	-	-	-	-	-	-
42-700.01-431	Hebel lever	1	1	-	-	-	-	-	-
42-700.01-434	Steuerhebel coupling arm	1	1	-	-	-	-	-	-
42-700.01-437	Lagerplatte bearing plate	1	1	-	-	-	-	-	-
42-700.01-441	Rastfeder pawl spring	1	1	-	-	-	-	-	-
42-700.01-446	Teilscheibe slow speed dial	1	1	-	-	-	-	-	-
42-700.01-447	Lagermutter bearing nut	1	1	-	-	-	-	-	-
42-700.01-448	Kurve cam	1	1	-	-	-	-	-	-
42-700.01-457	Abdeckfolie corer foil	1	1	1	1	1	1	1	1
42-700.01-652	Anschraubring mounting ring	1	1	-	-	-	-	-	-
M1,7x4 LN 120 19	Zylinderschraube, brüniert cylinder head screw, burnished	1	1	-	-	-	-	-	-
M1,7x2 LN 120 21	Zylinderschraube, brüniert cylinder head screw, burnished	1	1	-	-	-	-	-	-
15-10.140-18	Schraube, brüniert screw, burnished	1	-	1	-	-	-	-	-
15-10.142- 8	Schraube, brüniert screw, burnished	2	-	2	-	-	-	-	-
15-10.146- 7	Gewindestift, verchromt grub screw, chrome-plated	1	1	1	-	-	1	-	-
15-10.170-15	Anschlagschraube, brüniert stop screw, burnished	1	1	-	-	-	-	-	-
15-10.170-19	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.170-20	Schraube, brüniert screw, burnished	6	3	6	3	3	3	3	3
15-10.173- 7	Achsschraube, brüniert screw, burnished	1	1	1	-	-	1	-	-

TECHNISCHER KUNDENDIENST



TECHNISCHER KUNDENDIENST

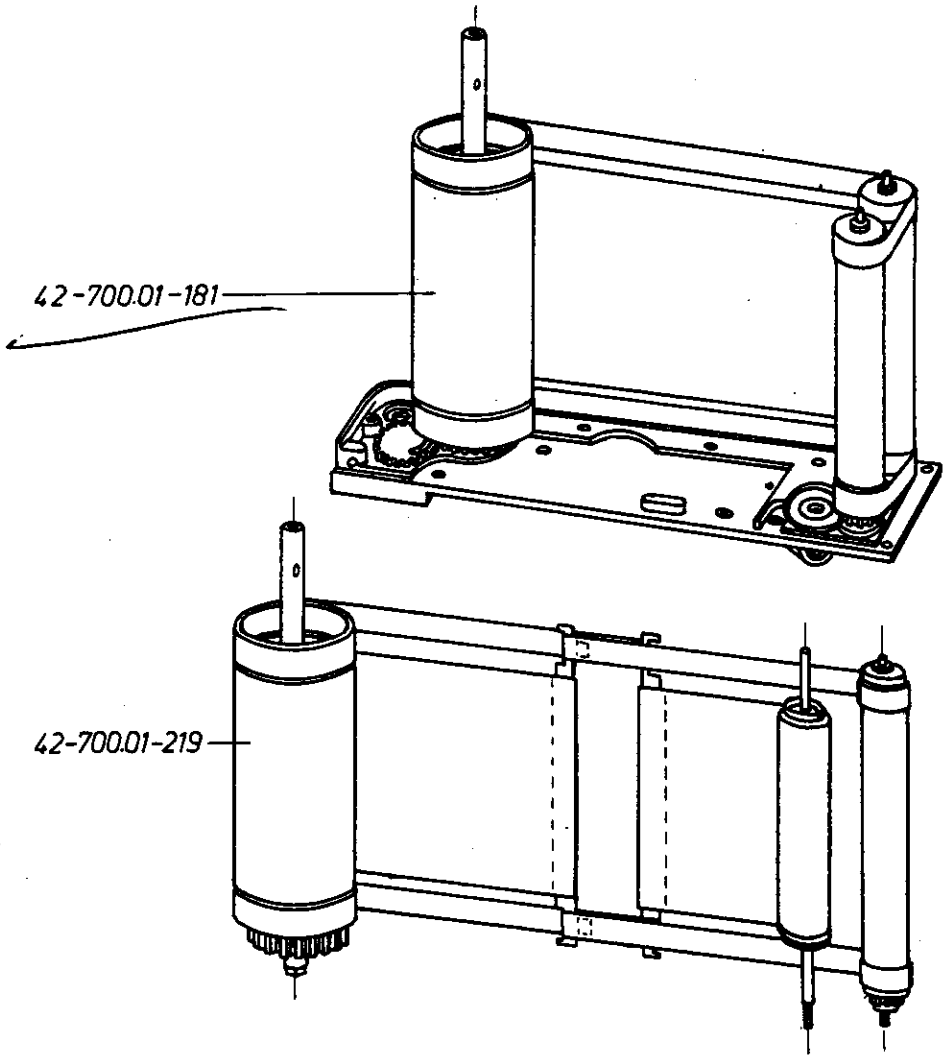
1. 9.64

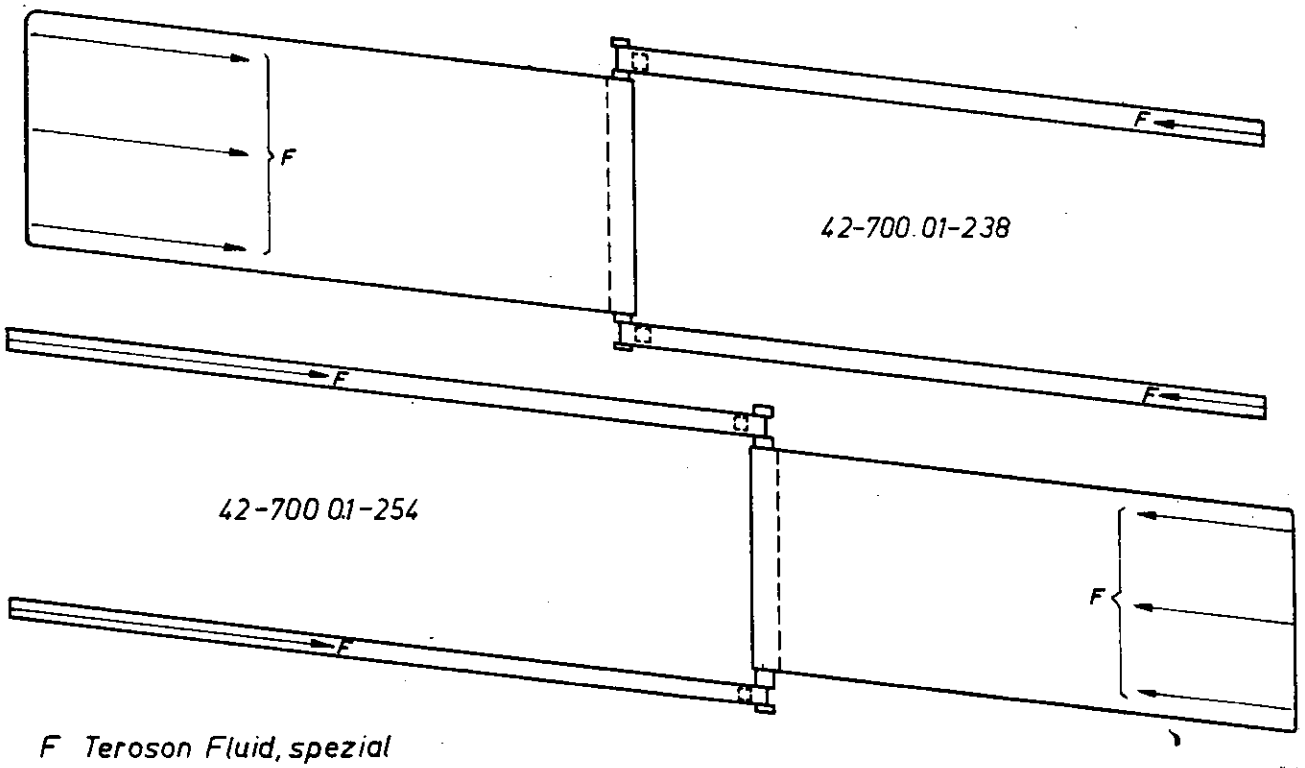
Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42-700.01-181	Grundplatte mit Verschluß mounting plate with shutter	1	1	-	-	-	-	-	-
42-700.01-219	Verschluß, Untergruppe shutter sub-assembly	1	1	-	-	-	-	-	-
42-700.01-238	Rollotuch, lang shutter blind, long	1	1	1	1	1	-	-	-
42-700.01-254	Rollotuch, kurz shutter blind, short	1	1	1	1	1	-	-	-

TECHNISCHER KUNDENDIENST





F Teroson Fluid, spezial

TECHNISCHER KUNDENDIENST

1. 9.64

Leitz WETZLAR

Leica IIIg 825 001... 988 350

Blatt Sheet 7.1

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
15-12.07- 9/1	Scheibe washer	1	1	-	-	-	-	-	-
Kugel 1	Kugel 1 ø ball	12	12	12	12	12	12	12	12

TECHNISCHER KUNDENDIENST

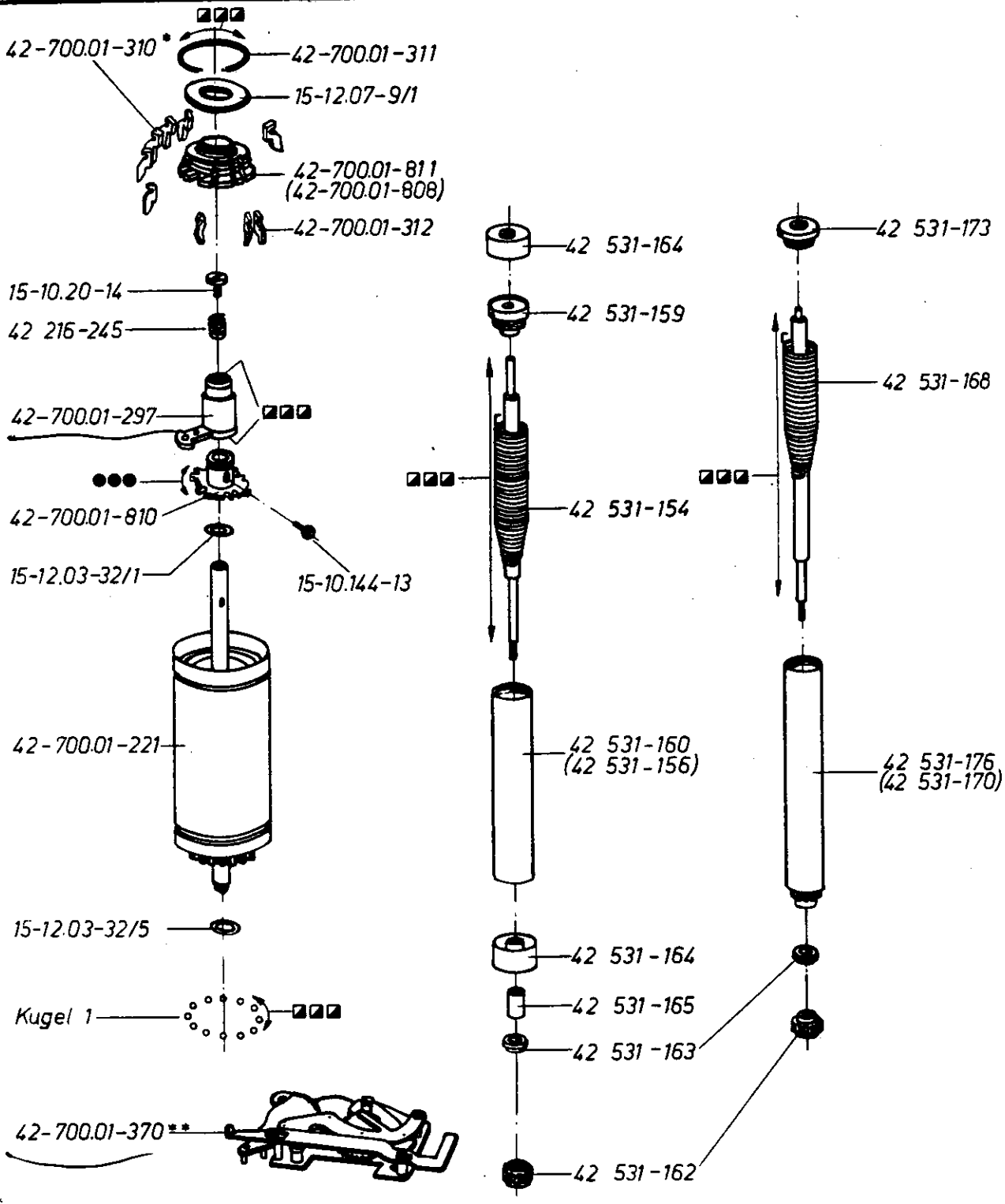
Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216-245	Druckfeder pressure spring	1	1	1	1	1	1	1	1
42 531-154	Achse mit Feder shaft with spring	1	1	1	1	1	-	-	-
42 531-156	kleine Rollowalze mit Achse, Feder und Buchse small blind drum with shaft, spring and bush	1	1	1	1	1	-	-	-
42 531-159	Buchse bush	1	1	1	1	1	-	-	-
42 531-160	kleine Rollowalze small blind drum	1	1	1	1	1	-	-	-
42 531-162	Spannrad tensioning wheel	2	2	2	2	2	-	-	-
42 531-163	Lagerbuchse bearing bush	2	2	2	2	2	-	-	-
42 531-164	Gleitrolle. roller	2	2	2	2	2	-	-	-
42 531-165	Hülse sleeve.	1	1	1	1	1	-	-	-
42 531-168	Achse mit Feder shaft with spring	1	1	1	1	1	-	-	-
42 531-170	Federwalze mit Achse, Feder und Buchse spring roller with shaft, spring and bush	1	1	1	1	1	-	-	-
42 531-173	Buchse bush	1	1	1	1	1	-	-	-
42 531-176	Federwalze spring roller	1	1	1	1	1	-	-	-
42-700.01-221	große Rollowalze large blind drum	1	1	-	-	-	-	-	-
42-700.01-297	Auslösearm release arm	1	1	-	-	-	-	-	-
42-700.01-310	Segment segment	8	8	-	-	-	-	-	-
42-700.01-311	Zugfeder tension spring	1	1	-	-	-	-	-	-
42-700.01-312	Sperre locking device	1	1	-	-	-	-	-	-
42-700.01-370	Hemmwerk, mont. escapement mechanism, ass.	1	1	-	-	-	-	-	-
42-700.01-808	Führungsbuchse mit Segment, Sperre und Zugfeder guide bush with segment, locking device and tension spring	1	1	-	-	-	-	-	-
42-700.01-810	Lochstellscheibe perforated setting disc	1	1	-	-	-	-	-	-
42-700.01-811	Führungsbuchse guide bush	1	1	-	-	-	-	-	-
15-10.144-13	Schraube, brüniert screw, burnished	1	1	-	-	-	-	-	-
15-10.20 -14	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-12.03-32/1	Unterlegscheibe 0,2 mm, nach Bedarf washer, when needed	1	1	-	-	-	-	-	-
15-12.03-32/5	Unterlegscheibe 0,1 mm, nach Bedarf washer, when needed	1	1	1	1	1	1	1	1

TECHNISCHEN KUNDENDIENST

1. 9.



TECHNISCHER KUNDENDIENST

1. 9.64

* siehe Reparaturanleitung Blatt 2
see Servicing last sheet 2

** Schmierung siehe Reparaturanleitung, Blatt 54
Lubricating see Servicing last, sheet 54

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Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
15-10.170-19	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.170-23	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.171-11	Achsschraube, brüniert shaft screw, burnished	1	1	1	1	1	1	1	1
15-10.172- 9	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-10.174- 9	Schraube, brüniert screw, burnished	4	4	4	4	4	4	4	4
15-10.20 -15	Schraube screw	1	1	1	1	1	1	1	1
15-10.21-16	Achsschraube, brüniert shaft screw, burnished	1	1	1	1	1	1	1	1
15-12.02-22/5	Scheibe washer	3	3	3	3	3	3	3	3
15-12.03-16/1	Unterlegscheibe, bei Bedarf washer, when needed	1	1	1	1	1	1	1	1
15-12.03-30/1	Zwischenring 0,8; 0,9 nach Bedarf intermediate ring, when needed	1	1	1	1	1	1	1	1
15-12.03-32/1	Unterlegscheibe 0,05; 0,1 bei Bedarf washer, when needed	1	1	1	1	1	1	1	1

TECHNISCHER KUNDENDIENST

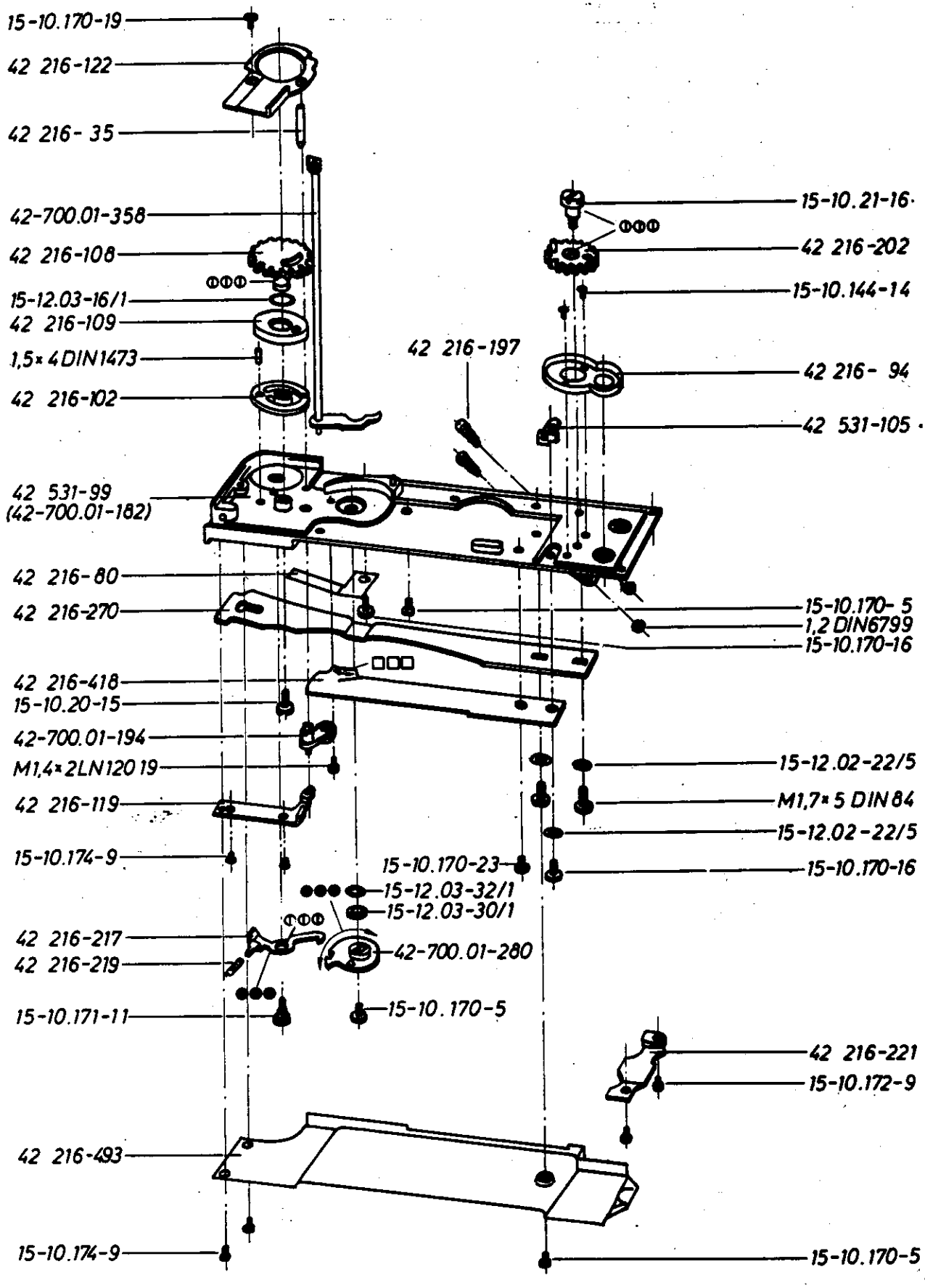
Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell							
		IIIc	IIIg	IIIf	IIIe	IIId	IIc	IIe	
42 216- 35	Auslöseknopf disengagement pin	1	1	1	1	1	1	1	1
42 216- 80	Feder pin	1	1	1	1	1	1	1	1
42 216- 94	Schutzkappe cover	1	1	1	1	1	1	1	1
42 216-102	Bremsbacke brake disc	1	1	1	1	1	1	1	1
42 216-108	Deckplattenrad gear	1	1	1	1	1	1	1	1
42 216-109	Bremstrommel, genietet, Bohr.-Ø 4,5 mm brake drum, riveted, hole dia. 4.5 mm	1	1	1	1	1	1	1	1
42 216-119	Anschlagplatte stop plate	1	1	1	1	1	1	1	1
42 216-122	Gehäusekammer plate	1	1	1	1	1	1	1	1
42 216-197	Spannschnecke tensioning worm	2	2	2	2	2	2	2	2
42 216-202	Zahnrad, genietet gear, riveted	1	1	1	1	1	1	1	1
42 216-217	Sperrklinke locking pawl	1	1	1	1	1	1	1	1
42 216-219	Druckfeder pressure spring	1	1	1	1	1	1	1	1
42 216-221	Verriegelungsbrücke lock plate	1	1	1	1	1	1	1	1
42 216-270	Blattfeder flat spring	1	1	1	1	1	1	1	1
42 216-418	Blattfeder flat spring	1	1	1	1	1	1	1	1
42 216-493	Abdeckblech cover plate	1	1	1	1	1	1	1	1
42 531- 99	Grundplatte, genietet, mounting plate, riveted,	1	1	1	1	1	1	1	1
42 531-105	Winkel angle bracket	1	1	1	1	1	1	1	1
42-700.01-182	Grundplatte, mont. mit Bremse und Bremshebel mounting plate, ass. with brake and brake lever	1	-	-	-	-	-	-	-
42-700.01-194	Bremshebel, montiert brake lever, ass.	1	1	1	1	1	-	-	-
42-700.01-280	Nockenscheibe, genietet cam plate, riveted	1	1	-	-	-	-	-	-
42-700.01-358	Schwingachse, genietet swinging shaft, riveted	-	1	-	-	-	-	-	-
M1,7x5 DIN 84	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
1,5 x 4 DIN 1473	Kerbstift round pin	1	1	1	1	1	1	1	1
1,2 DIN 6799	Sicherungsscheibe c. clip	2	2	2	2	2	2	2	2
M1,4x2 LN 120 19	Anschlagschraube, brüniert screw, burnished	1	-	-	-	-	-	-	-
15-10.144-14	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-10.170- 5	Schraube, brüniert screw, burnished	3	3	3	3	3	3	3	3
15-10.170-16	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2

TECHNISCHE ÄNDERUNGEN

1. 9.



TECHNISCHER KUNDENDIENST

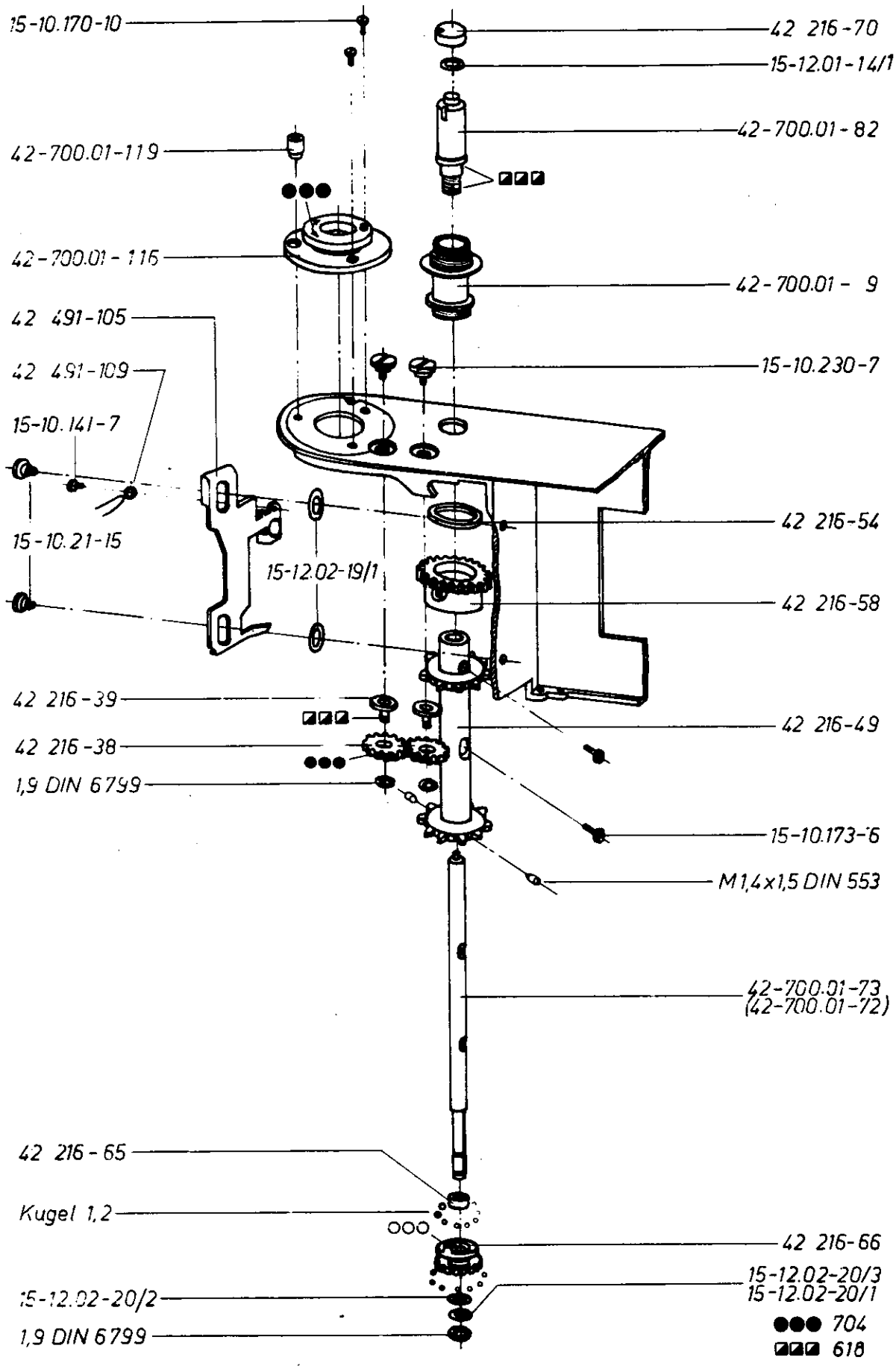
1. 9.64

Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modelle IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 38	Zahnrad gear	2	2	2	2	2	2	2	2
42 216- 39	Achse shaft	2	2	2	2	2	2	2	2
42 216- 49	Filmtransportwalze sprocket whell	1	1	1	1	1	1	1	1
42 216- 54	Vorschraubring locking ring	1	1	1	1	1	1	1	1
42 216- 58	Zahnrad, genietet gear, riveted	1	1	1	1	1	1	1	1
42 216- 65	Zwischenhülse intermediate sleeve	1	1	1	1	1	1	1	1
42 216- 66	Zahnrad gear	1	1	1	1	1	1	1	1
42 216- 70	Auslöseknopf release button	1	1	1	1	1	1	1	1
42 491-105	Ausrückhebel, montiert disengagement lever, ass.	1	1	1	1	1	-	-	-
42 491-109	Feder spring	1	1	1	1	1	-	-	-
42-700.01- 9	Gewindestück threaded shaft	1	1	-	-	-	-	-	-
42-700.01- 72	Auslöseachse, mont. release shaft, ass.	1	1	-	-	-	-	-	-
42-700.01- 73	Auslöseachse release shaft	1	1	-	-	-	-	-	-
42-700.01- 82	Verbindungsstück connecting piece	1	1	-	-	-	-	-	-
42-700.01-116	Lager bearing	1	1	-	-	-	-	-	-
42-700.01-119	Walze roll	1	1	-	-	-	-	-	-
M1,4x1,5 DIN 553	Gewindestift, brüniert grub screw, burnished	2	2	2	2	2	2	2	2
1,9 DIN 6799	Sicherungsscheibe retaining washer	3	3	3	3	3	3	3	3
15-10.141- 7	Schraube, brüniert screw, burnished	1	1	1	1	1	-	-	-
15-10.170-10	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-10.173- 6	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-10.21 -15	Führungsschraube, brüniert guide bush, burnished	2	2	2	2	2	2	2	2
15-10.230- 7	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-12.01-14/1	Unterlegscheibe, bei Bedarf washer, when needed	1	1	1	1	1	1	1	1
15-12.02-19/1	Unterlegscheibe washer	2	2	2	2	2	2	2	2
15-12.02-20/1	Unterlegscheibe 0,1 mm, bei Bedarf washer, when needed	1	1	1	1	1	1	1	1
15-12.02-20/2	Unterlegscheibe 0,2 mm, bei Bedarf washer, when needed	1	1	1	1	1	1	1	1
15-12.02-20/3	Unterlegscheibe 0,06 mm, bei Bedarf washer, when needed	1	1	1	1	1	1	1	1
Kugel 1,2	Kugel 1,2 ø ball	18	18	18	18	18	18	18	18

TECHNISCHER KUNDENDIENST


15-10.170-10
42 216-70
15-12.01-14/1
42-700.01-82
42-700.01-119
42-700.01-116
42-700.01- 9
42 491-105
42 491-109
15-10.230-7
15-10.141-7
42 216-54
15-10.21-15
15-12.02-19/1
42 216-58
42 216-39
42 216-49
42 216-38
1,9 DIN 6799
15-10.173-6
M1,4x1,5 DIN 553
42-700.01-73
(42-700.01-72)
42 216-65
Kugel 1,2
42 216-66
15-12.02-20/3
15-12.02-20/1
15-12.02-20/2
1,9 DIN 6799
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1. 9.64

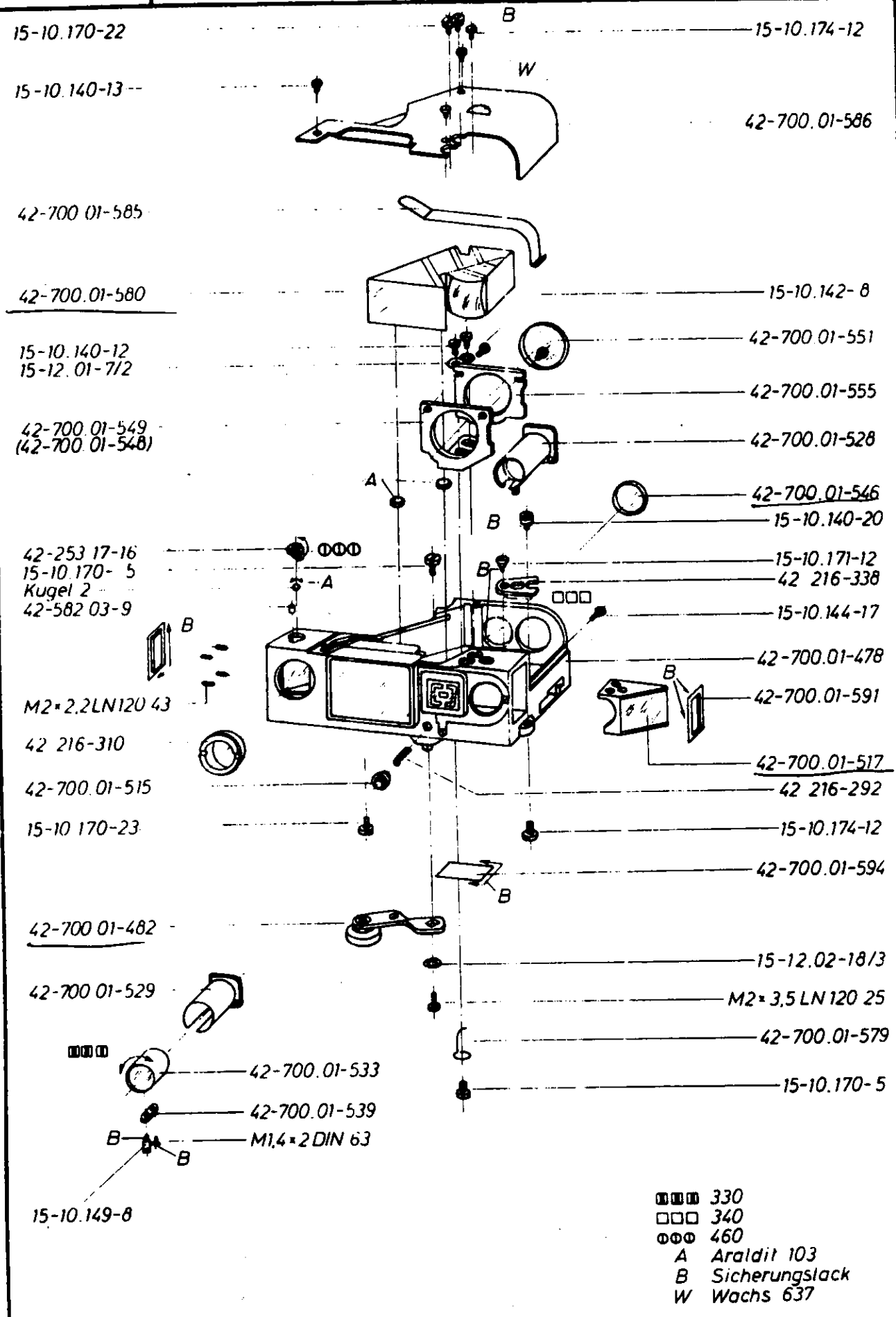
Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
15-10.142- 8	Schraube, brüniert screw, burnished	2	-	-	-	-	-	-	-
15-10.144-17	Schraube, brüniert screw, burnished	1	-	-	-	-	-	-	-
15-10.149- 8	Mitnehmer, brüniert coupling screw, burnished	1	-	-	-	-	-	-	-
15-10.170- 5	Schraube, brüniert screw, burnished	2	-	-	-	-	-	-	-
15-10.170-22	Zylinderschraube, brüniert cylindrical head screw, burnished	2	-	2	2	-	2	2	-
15-10.170-23	Schraube, brüniert screw, burnished	1	-	-	-	-	-	-	-
15-10.171-12	Achsschraube, brüniert shaft screw, burnished	1	-	1	1	-	1	1	-
15-10.174-12	Schraube, brüniert screw, burnished	2	-	-	-	-	-	-	-
15-12.01- 7/2	Scheibe 0,1 mm washer	2	-	-	-	-	-	-	-
15-12.02-18/3	Unterlegscheibe washer	1	-	1	1	-	1	1	-
Kugel 2	Kugel 2 ø ball	2	-	-	-	-	-	-	-

TECHNISCHER KUNDENDIENST

Leica IIIg 825001...988350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216-292	Druckfeder pressure spring	1	-	1	1	-	1	1	-
42 216-310	Gewindebuchse threaded bush	1	-	1	1	-	1	1	-
42 216-338	Objektivhebel lens lever	1	-	1	1	-	1	1	-
42-253.17-16	Kugelfassung ball-and-socket bearing	1	-	-	-	-	-	-	-
42-582.03- 9	Nippel nipple	1	-	-	-	-	-	-	-
42-700.01-478	Sucheraufsatz, kompl. finder unit, compl.	1	-	-	-	-	-	-	-
42-700.01-482	Einstellhebel mit Exzenter rangefinder coupling lever with excentric cam	1	-	1	1	-	1	1	-
42-700.01-515	Federbuchse spring bush	1	-	-	-	-	-	-	-
42-700.01-517	Spiegelstuhl reflector cage	1	-	-	-	-	-	-	-
42-700.01-528	Fernrohrobjektiv rangefinder objektive	1	-	-	-	-	-	-	-
42-700.01-529	Führungsstutzen guide barrel	1	-	-	-	-	-	-	-
42-700.01-533	Objektivfassung lens mount	1	-	-	-	-	-	-	-
42-700.01-539	Leiste ledge	1	-	-	-	-	-	-	-
42-700.01-546	Augenlinse / eyelens	1	-	-	-	-	-	-	-
42-700.01-548	Winkel, kompl. /angle bracket, compl.	1	-	-	-	-	-	-	-
42-700.01-549	Winkel angle bracket	1	-	-	-	-	-	-	-
42-700.01-551	Fassung mounting	1	-	-	-	-	-	-	-
42-700.01-555	Einstellplatte setting plate	1	-	-	-	-	-	-	-
42-700.01-579	Andruckfeder pressure spring	1	-	-	-	-	-	-	-
42-700.01-580	Prisma, gekittet cemented prism	1	-	-	-	-	-	-	-
42-700.01-585	Prismenfeder prism spring	1	-	-	-	-	-	-	-
42-700.01-586	Deckel cover	1	-	-	-	-	-	-	-
42-700.01-591	Verschlußdeckel cover plate	2	-	-	-	-	-	-	-
42-700.01-594	Deckblech top plate	1	-	-	-	-	-	-	-
M1,4 x 2 DIN 63	Senkschraube, brüniert countersunk screw, burnished	1	-	-	-	-	-	-	-
M2 x 3,5LN 120 25	Schraube, brüniert screw, burnished	1	-	1	1	-	1	1	-
M2x2,2 LN 120 43	Gewindestift, brüniert grub screw, burnished	4	-	4	4	-	4	4	-
15-10.140-12	Schraube, brüniert screw, burnished	2	-	-	-	-	-	-	-
15-10.140-13	Schraube, brüniert screw, burnished	3	-	-	-	-	-	-	-
15-10.140-20	Schraube, brüniert screw, burnished	1	-	-	-	-	-	-	-



TECHNISCHER KUNDENDIENST

1. 3.67

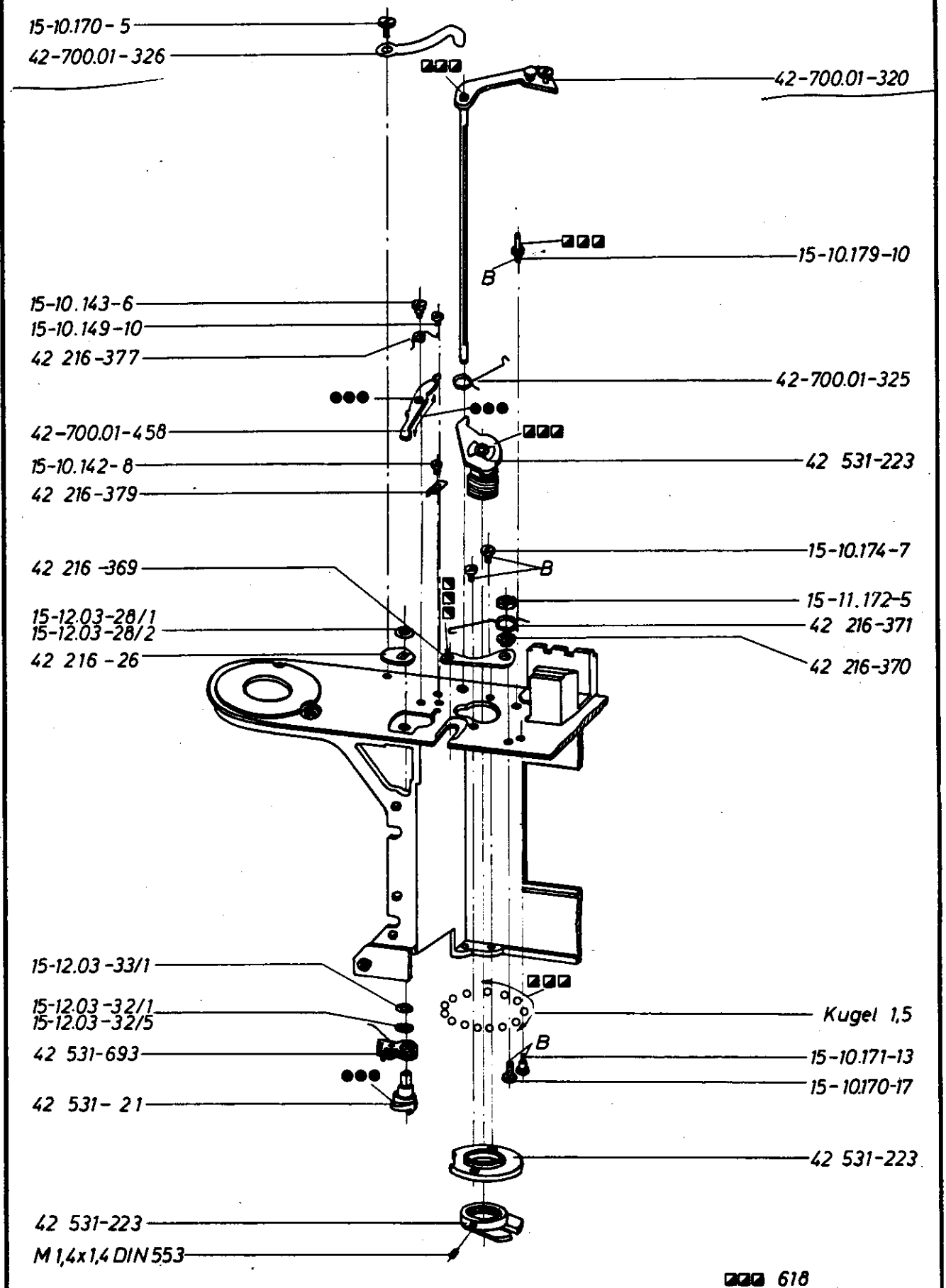
Leica IIIg 825001...988350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 26	Zwischenplatte intermediate plate	1	1	1	1	1	1	1	1
42 216-369	Gelenkhebel hinged lever	1	1	1	1	1	1	-	-
42 216-370	Lagerbuchse bearing bush	1	1	1	1	1	1	-	-
42 216-371	Feder spring	1	1	1	1	1	1	-	-
42 216-377	Feder spring	1	1	1	1	1	1	1	1
42 216-379	Anschlagplättchen impact plate	1	1	1	-	-	-	-	-
42 531- 21	Entkupplungskurve uncoupling cam	1	1	1	1	1	-	-	-
42 531-223	Doppelarm, kompl. double arm, compl.	1	1	1	1	1	1	1	1
42 531-693	Aufzugsperre winding lock	1	1	1	1	1	-	-	-
42-700.01-320	Sperrhebel, genietet locking lever, riveted	1	1	-	-	-	-	-	-
42-700.01-325	Feder spring	1	1	-	-	-	-	-	-
42-700.01-326	Sperrhebelfeder spring of locking lever	1	1	-	-	-	-	-	-
42-700.01-458	Arretierungshebel locking lever	1	1	-	-	-	-	-	-
M 1,4 x 1,4 DIN553	Gewindestift, brüniert threaded pin, burnished	1	1	1	1	1	1	1	1
15-10.142- 8	Schraube, brüniert screw, burnished	1	1	1	-	-	-	-	-
15-10.143- 6	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.149-10	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.170- 5	Schraube, brüniert screw, burnished	1	1	-	-	-	-	-	-
15-10.170-17	Schraube, brüniert screw, burnished	1	1	1	1	1	1	-	-
15-10.171-13	Schraube, brüniert screw, burnished	1	1	1	1	1	1	-	-
15-10.174- 7	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-10.179-10	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-11.172- 5	Mutter, gebeizt nut, oxidize	1	1	1	1	1	1	-	-
15-12.03-28/2	Unterlegscheibe 0,1 mm washer	1	1	1	1	1	1	1	1
15-12.03-32/1	Unterlegscheibe 0,2 mm washer	1	1	1	1	1	1	1	1
15-12.03-32/5	Unterlegscheibe 0,1 mm washer	1	1	1	1	1	1	1	1
15-12.03-33/1	Federscheibe 0,2 mm sering washer	1	1	1	1	1	1	1	1
Kugel 1,5	Kugel 1,5 ø ball	14	14	14	14	14	14	14	14

TECHNISCHER KUNDENDIENST

1. 9.6



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B Sicherungslack

TECHNISCHER KUNDENDIENST

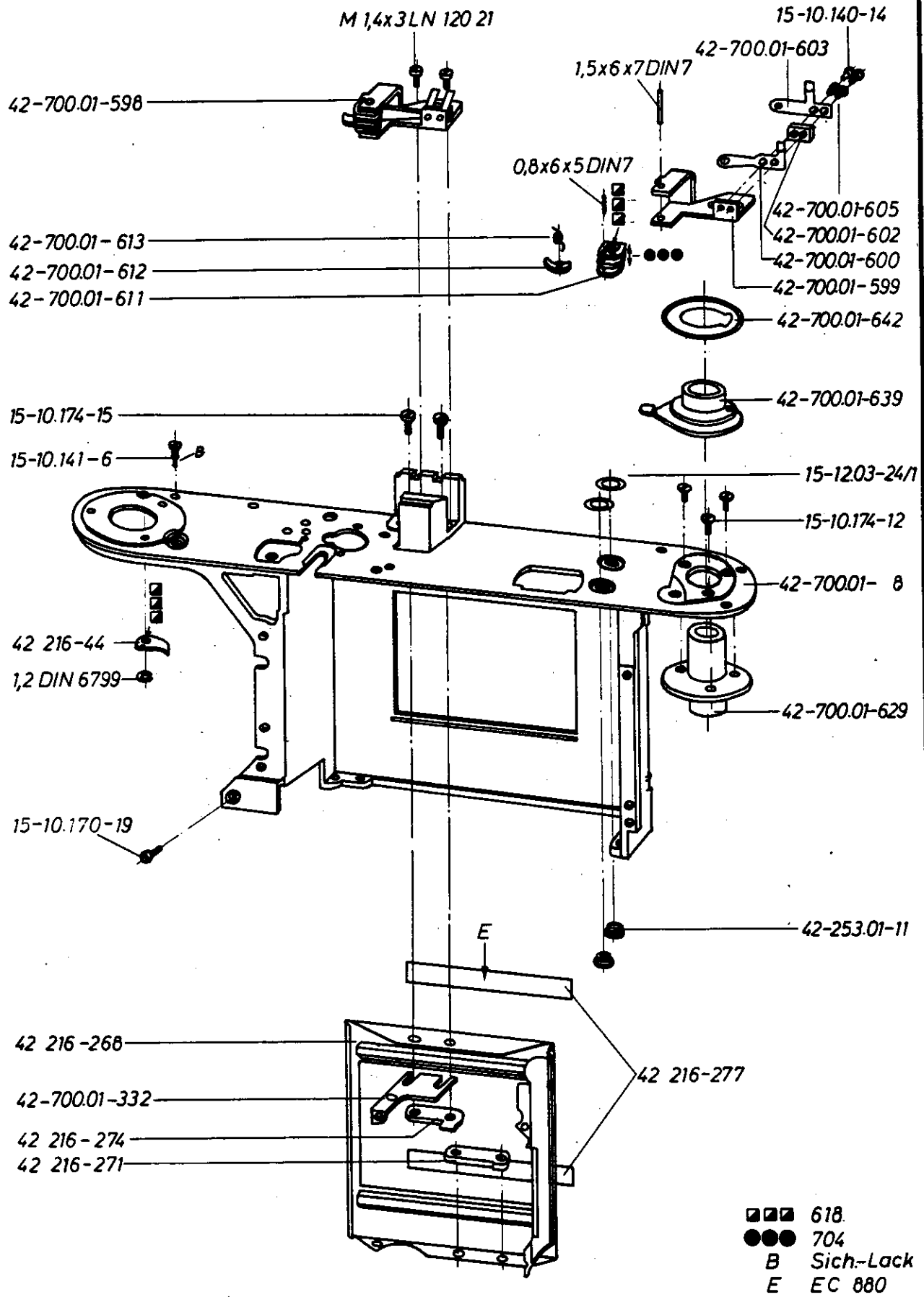
1. 9.64

Leica IIIg 825 001...988 350

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell IIIg	Ig	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 44	Sperrnase lock lever	1	1	1	1	1	1	1	1
42 216-268	Rahmenblende frame mask	1	1	1	1	1	1	1	1
42 216-271	Unterlegleiste spacer strip	1	1	1	1	1	1	1	1
42 216-274	Anschlagwinkel stop angle bracket	1	1	1	1	1	1	1	1
42 216-277	Samtstreifen velvet strip	2	2	2	2	2	2	2	2
42-253.01- 11	Exzenter excenter	2	2	-	-	-	-	-	-
42-700.01- 8	Hauptkörper main body	1	1	-	-	-	-	-	-
42-700.01-332	Sicherungswinkel securing bracket	1	1	-	-	-	-	-	-
42-700.01-598	Lagerwinkel, mont. bearing bracket, ass.	1	1	-	-	-	-	-	-
42-700.01-599	Lagerwinkel bearing bracket	1	1	-	-	-	-	-	-
42-700.01-600	Kontaktfeder, mont. contact spring, ass.	1	1	-	-	-	-	-	-
42-700.01-602	Zwischenstück intermediate piece	1	1	-	-	-	-	-	-
42-700.01-603	Kontaktfeder, mont. contact spring, ass.	1	1	-	-	-	-	-	-
42-700.01-605	Buchse bush	2	2	-	-	-	-	-	-
42-700.01-611	Lager bearing	1	1	-	-	-	-	-	-
42-700.01-612	Kontaktnase contact stud	1	1	-	-	-	-	-	-
42-700.01-613	Feder spring	1	1	-	-	-	-	-	-
42-700.01-629	Flanschenlager flange bearing	1	1	-	-	-	-	-	-
42-700.01-639	Zwischenhebel intermediate lever	1	-	-	-	-	-	-	-
42-700.01-642	Tellerfeder disc spring	1	-	-	-	-	-	-	-
0,8 x 6 x 5 DIN 7	Zylinderstift round pin	1	1	-	-	-	-	-	-
1,5 x 6 x 7 DIN 7	Zylinderstift round pin	1	1	-	-	-	-	-	-
1,2 DIN 6799	Sicherungsscheibe retaining washer	1	1	1	1	1	1	1	1
M 1,4 x 3LN 12021	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-10.140-14	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-10.141- 6	Schraube, brüniert screw, burnished	1	1	-	-	-	-	-	-
15-10.170-19	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.174-12	Senkschraube, brüniert countersunk screw, burnished	3	3	3	3	3	3	3	3
15-10.174-15	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-12.03-24/1	Scheibe, 0,2 mm washer	2	2	-	-	-	-	-	-

TECHNISCHER KUNDENDIENST



TECHNISCHER KUNDENDIENST

1. 9.64

Anmerkung

In der Ersatzteilliste zur Leica I g sind nur die Blätter aufgeführt, auf denen Abweichungen gegenüber der Leica III g zu verzeichnen sind.

Der auf Blatt 42-700/12 dargestellte Sucheraufsatz fällt für Leica I g mit allen auf diesem Blatt dargestellten Teilen weg.

Die Reparaturanleitung zur Leica I g betrifft nur die von der Leica III g abweichenden Arbeitsgänge der Montage, Justierung und Reparatur.

Hinweise auf Reinigung der Einzelteile, Schmiermittel, Klebemittel und Ersatzteilbestellung siehe Einführung zur Ersatzteilliste zur Leica III g.

Notes

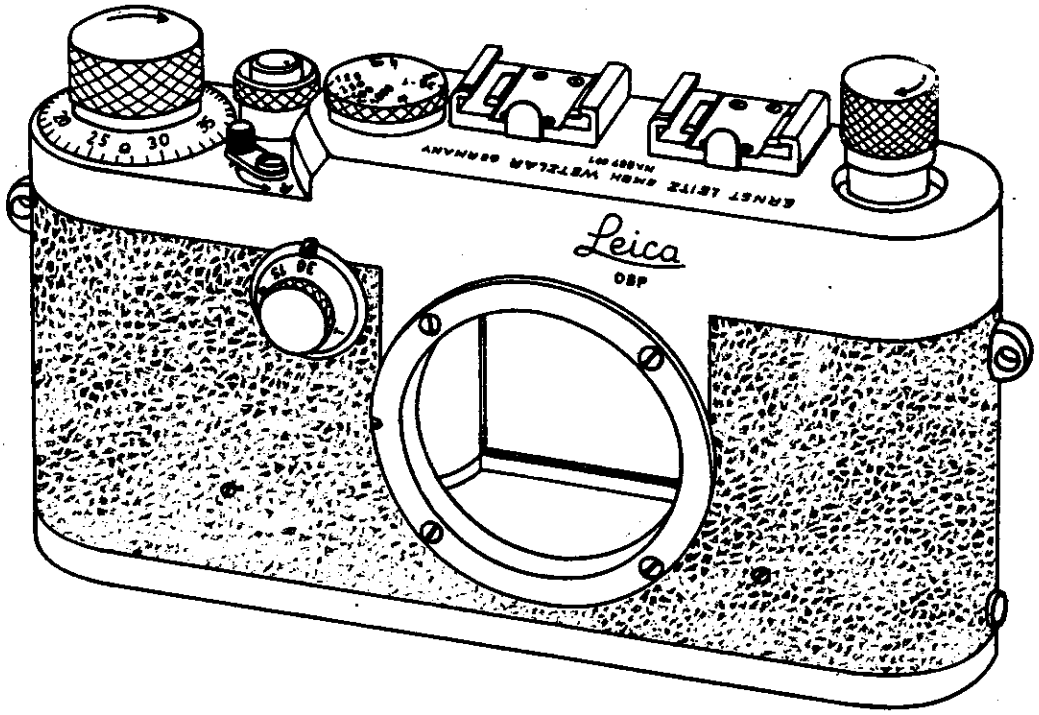
The spare parts lists for the Leica I g only contain those sheets which differ from the corresponding sheets for the Leica III g.

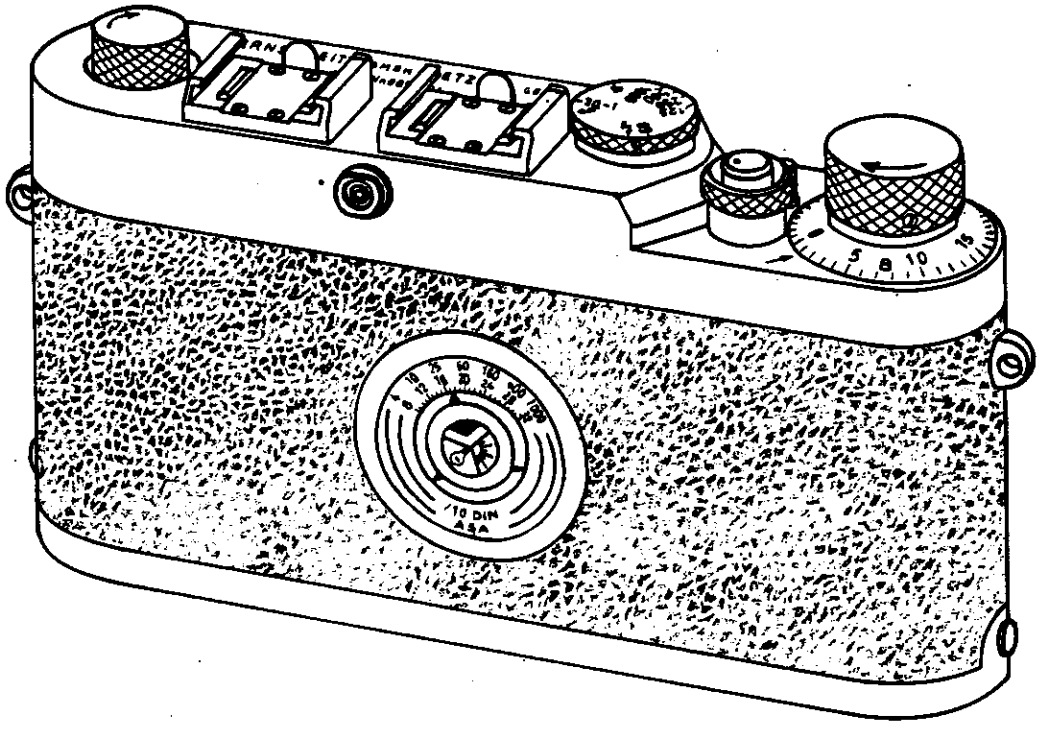
The finder unit shown on sheet 42-700/12 is omitted on the Leica I g, Together with all components shown on that sheet.

The servicing instructions for the Leica I g only cover those operations of assembly, adjustment, and repair which differ from the Leica III g.

For notes on cleaning of individual components, lubricants, adhesives, and ordering of spare parts, see the introduction to the spare parts lists for the Leica III g.

TECHNISCHER KUNDENDIENST





TECHNISCHER KUNDENDIENST

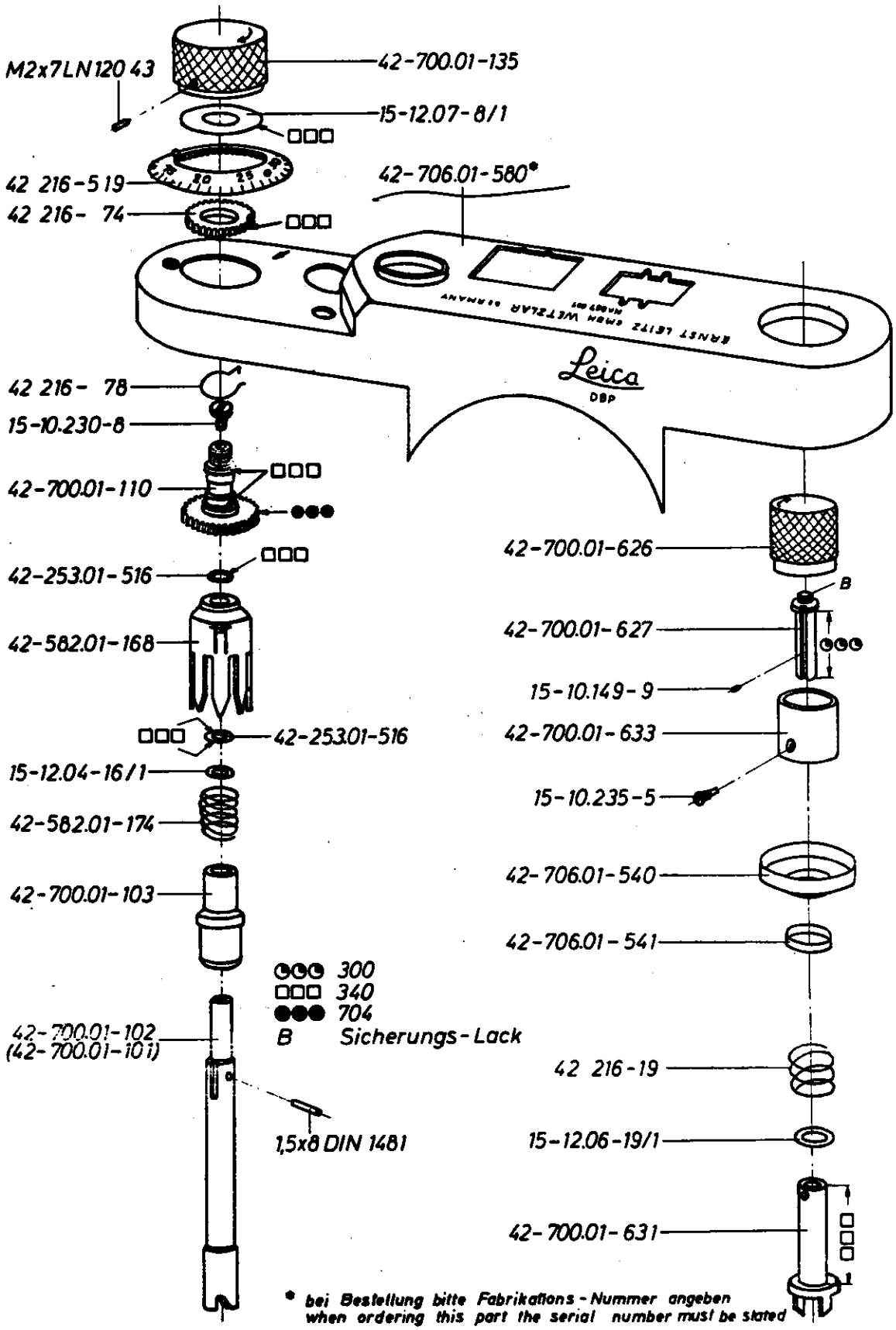
1. 9.64

Leica Ig 887001...987600

Leitz WETZLAR

Bestell-Nr / Part-No	Benennung / Description	Leica - Modell							
		Ig	IIIg	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 19	Friktionsfeder friction spring	1	1	1	1	1	1	1	1
42 216- 74	Zahnkranz gear ring	1	1	1	1	1	1	1	1
42 216- 78	Feder spring	1	1	1	1	1	1	1	1
42 216-519	Zähleinrichtung, mont. counting mechanism, ass.	1	1	1	1	1	1	1	1
42-253.01-516	Scheibe (Zelluloid) washer	2	2	-	-	-	-	-	-
42-582.01-168	Spulenhalter spool holder	1	1	-	-	-	-	-	-
42-582.01-174	Friktionsfeder friction spring	1	1	-	-	-	-	-	-
42-700.01-101	Aufzugachse, kompl. winding shaft, compl.	1	1	-	-	-	-	-	-
42-700.01-102	Aufzugachse winding shaft	1	1	-	-	-	-	-	-
42-700.01-103	Hülse sleeve	1	1	-	-	-	-	-	-
42-700.01-110	Aufzugrad winding gear	1	1	-	-	-	-	-	-
42-700.01-135	Aufzugknopf winding knob	1	1	-	-	-	-	-	-
42-700.01-626	Rückwickelknopf rewind knob	1	1	-	-	-	-	-	-
42-700.01-627	Führungsstift guide pin	1	1	-	-	-	-	-	-
42-700.01-631	Spulenmitnehmer rewind shaft	1	1	-	-	-	-	-	-
42-700.01-633	Hülse sleeve	1	1	-	-	-	-	-	-
42-706.01-540	Abdeckhülse cover sleeve	1	-	-	-	-	-	-	-
42-706.01-541	Hülse sleeve	1	-	-	-	-	-	-	-
42-706.01-580	Deckkappe, kompl. cover plate, compl.	1	-	-	-	-	-	-	-
1,5x8 DIN 1481	Spannstift, brüniert tensioning pin, burnished	1	1	1	1	1	1	1	1
M 2 x 7 LN 120 43	Schraube, verchromt screw, chrome-plated	1	1	-	-	-	1	1	1
15-10.149- 9	Anschlagschraube, verchromt stop screw, chrome-plated	1	1	-	-	-	-	-	-
15-10.230- 8	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.235- 5	Führungsschraube, verchromt lead screw, chrome-plated	1	1	1	1	1	1	1	1
15-12.04-16/1	Unterlegscheibe 0,3 mm, nach Bedarf washer, when needed	1	1	-	-	-	-	-	-
15-12.06-19/1	Scheibe washer	1	1	1	1	1	1	1	1
15-12.07- 8/1	Federscheibe spring washer	1	1	1	1	1	1	1	1

TECHNISCHER KUNDENDIENST



TECHNISCHER KUNDENDIENST

1. 9.64

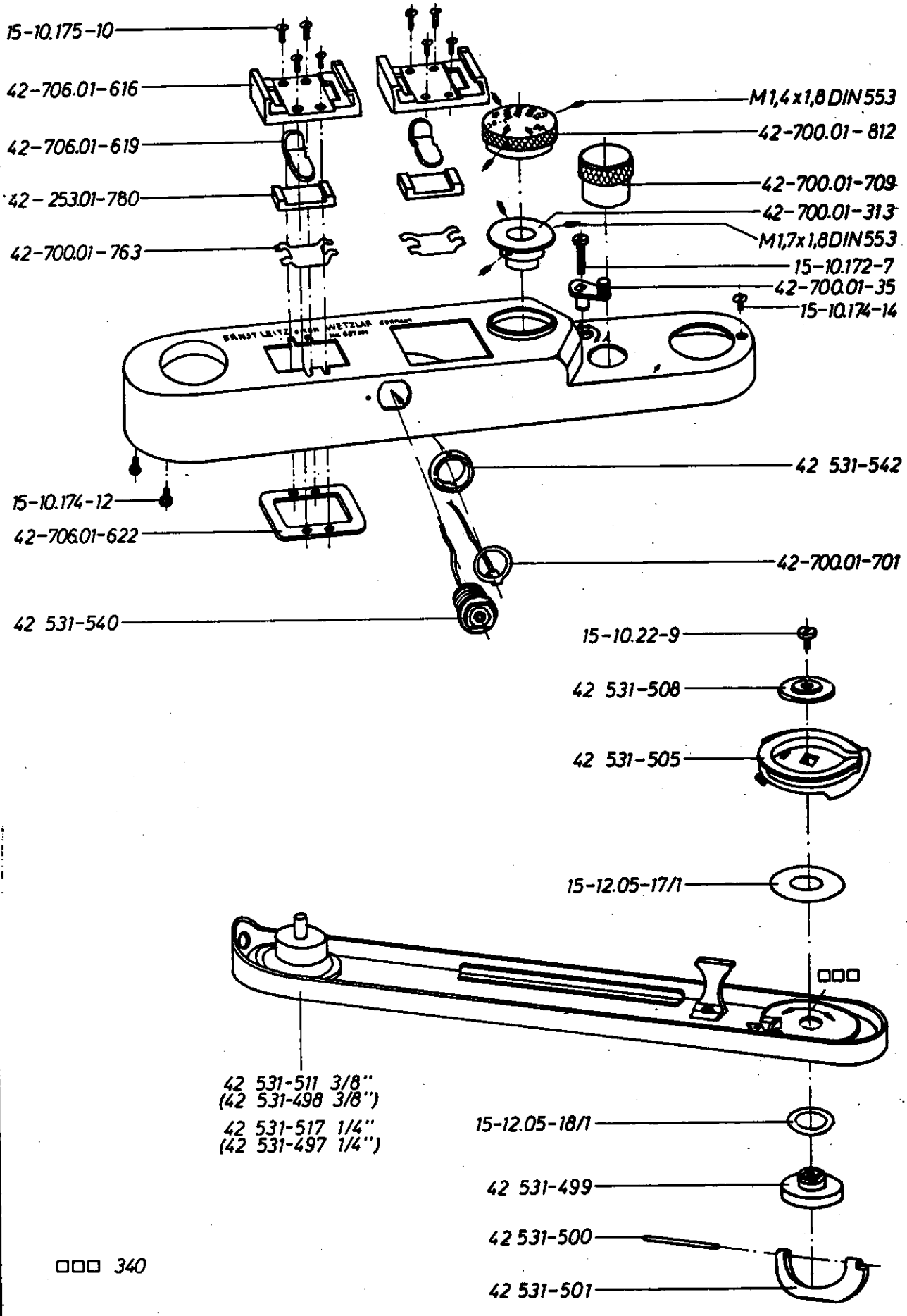
Leica Ig 887001 ..987600

Leitz WETZLAR

Bestell-Nr / Part-No	Benennung / Description	Leica - Modell Ig	IIIg	IIIf	IIf	If	IIIc	IIc	Ic
42-253.01-780	Druckbacke pressure check	2	1	-	-	-	-	-	-
42 531-497	Deckel 1/4 ", kompl. base plate 1/4 ", compl.	1	1	1	1	1	-	-	-
42 531-498	Deckel 3/8 ", kompl. base plate 3/8 ", compl.	1	1	1	1	1	-	-	-
42 531-499	Knebel toogle	1	1	1	1	1	1	1	1
42 531-500	Lagerbolzen bearing pin	1	1	1	1	1	1	1	1
42 531-501	Klappbügel folding bracket	1	1	1	1	1	1	1	1
42 531-505	Verriegelung lock	1	1	1	1	1	1	1	1
42 531-508	Unterlegscheibe washer	1	1	1	1	1	1	1	1
42 531-511	Deckel 3/8 ", punktgeschweißt base plate 3/8 ", spot welded	1	1	1	1	1	-	-	-
42 531-517	Deckel 1/4 ", punktgeschweißt base plate 1/4 ", spot welded	1	1	1	1	1	-	-	-
42 531-540	Steckerbuchse plug socket	1	1	1	1	1	-	-	-
42 531-542	Schlitzmutter slotted nut	1	1	1	1	-	-	-	-
42-700.01- 35	Entkupplungshebel reversing lever	1	1	-	-	-	-	-	-
42-700.01-313	Zeitscheibenträger coupling piece	1	1	-	-	-	-	-	-
42-700.01-701	Lötfahne soldering tag	1	1	-	-	-	-	-	-
42-700.01-709	Schutzhulse release guard	1	1	-	-	-	-	-	-
42-700.01-763	Druckfeder pressure spring	2	1	-	-	-	-	-	-
42-700.01-812	Zeitscheibe speed dial	1	1	-	-	-	-	-	-
42-706.01-616	Befestigungsklemme accessory shoe	2	-	-	-	-	-	-	-
42-706.01-619	Anschlagwinkel stop angle bracket	2	-	-	-	-	-	-	-
42-706.01-622	Klemmenhalter holder	1	-	-	-	-	-	-	-
M1,4x1,8 DIN 553	Schraube, verchromt screw, chrome-plated	3	3	3	3	3	-	-	-
M1,7x1,8 DIN 553	Schraube, brüniert screw, burnished	3	3	3	3	3	-	-	-
15-10.172- 7	Schraube, verchromt screw, chrome-plated	1	1	-	-	-	-	-	-
15-10.174-12	Schraube, brüniert screw, burnished	2	2	2	2	2	2	2	2
15-10.174-14	Schraube, verchromt screw, chrome-plated	1	1	-	-	-	-	-	-
15-10.175-10	Schraube, verchromt screw, chrome-plated	8	4	4	-	-	4	-	-
15-10.22 - 9	Schraube, schwarz halbmatt screw, black semimat	1	1	1	1	1	1	1	1
15-12.05-17/1	Unterlegscheibe 0,1 mm washer	1	1	1	1	1	1	1	1
15-12.05-18/1	Unterlegscheibe 0,1 mm washer	1	1	1	1	1	1	1	1

TECHNISCHER KUNDENDIENST

1. 9.6



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TECHNISCHER KUNDENDIENST

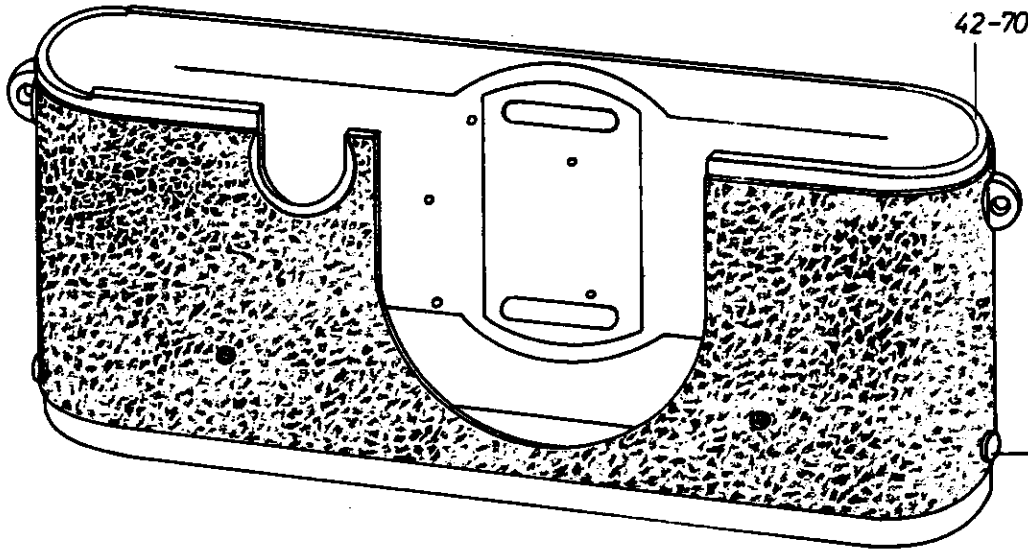
1. 9.64

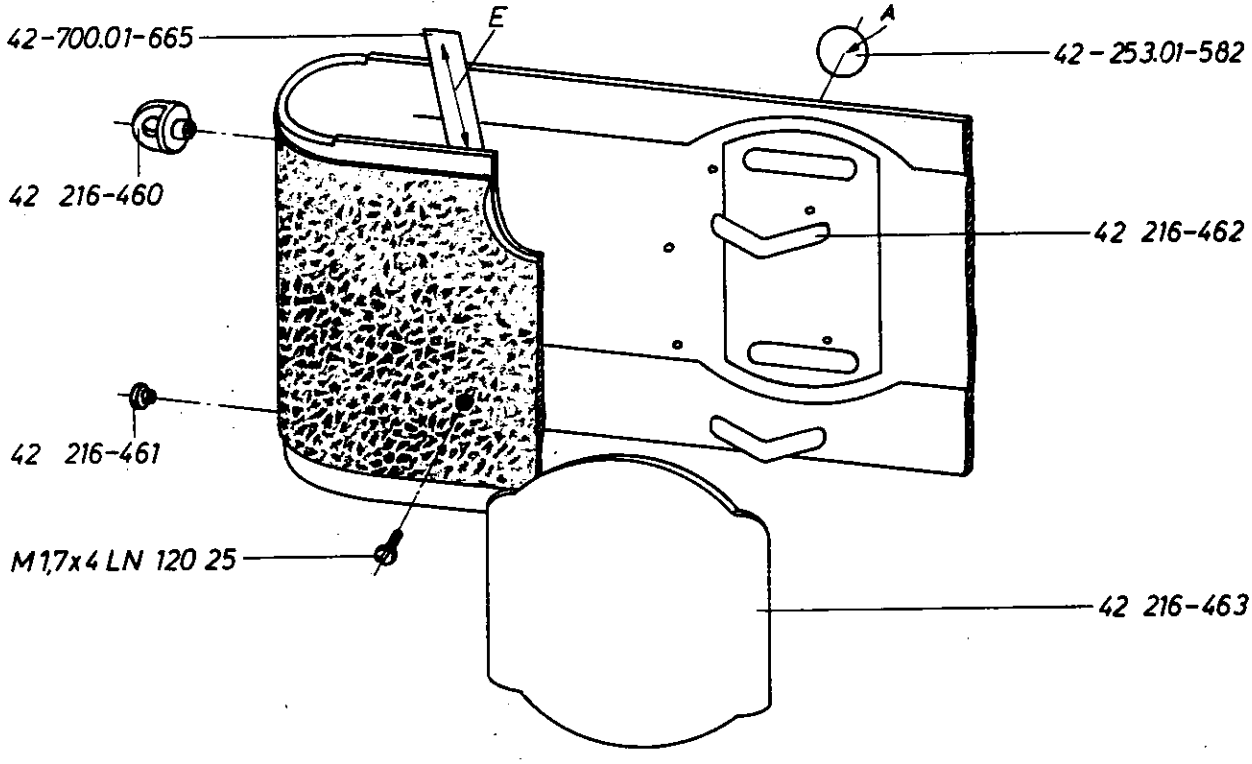
Leica Ig 887001...987600

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell Ig	IIIg	IIIf	IIf	If	IIIc	IIc	Ic
42 216-460	Öse eyelet	2	2	2	2	2	2	2	2
42 216 461	Niet rivet	1	1	1	1	1	1	1	1
42 216-462	Blattfeder leaf spring	2	2	2	2	2	2	2	2
42 216-463	Federdeckel pressure plate	1	1	1	1	1	1	1	1
42-253.01-562	Niet rivet	1	1	1	1	1	1	1	1
42-253.01-582	Bildscheibe image plate	1	1	-	-	-	-	-	-
42-700.01-665	Samtstreifen velvet strip	1	1	1	1	1	1	1	1
42-706.01-561	Gehäuse housing	1	-	-	-	-	-	-	-
M1,7x4 LN 120 25	Schraube, schwarz-halbmatt screw, black semimat	2	2	2	2	2	2	2	2

TECHNISCHER KUNDENDIENST





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TECHNISCHER KUNDENDIENST

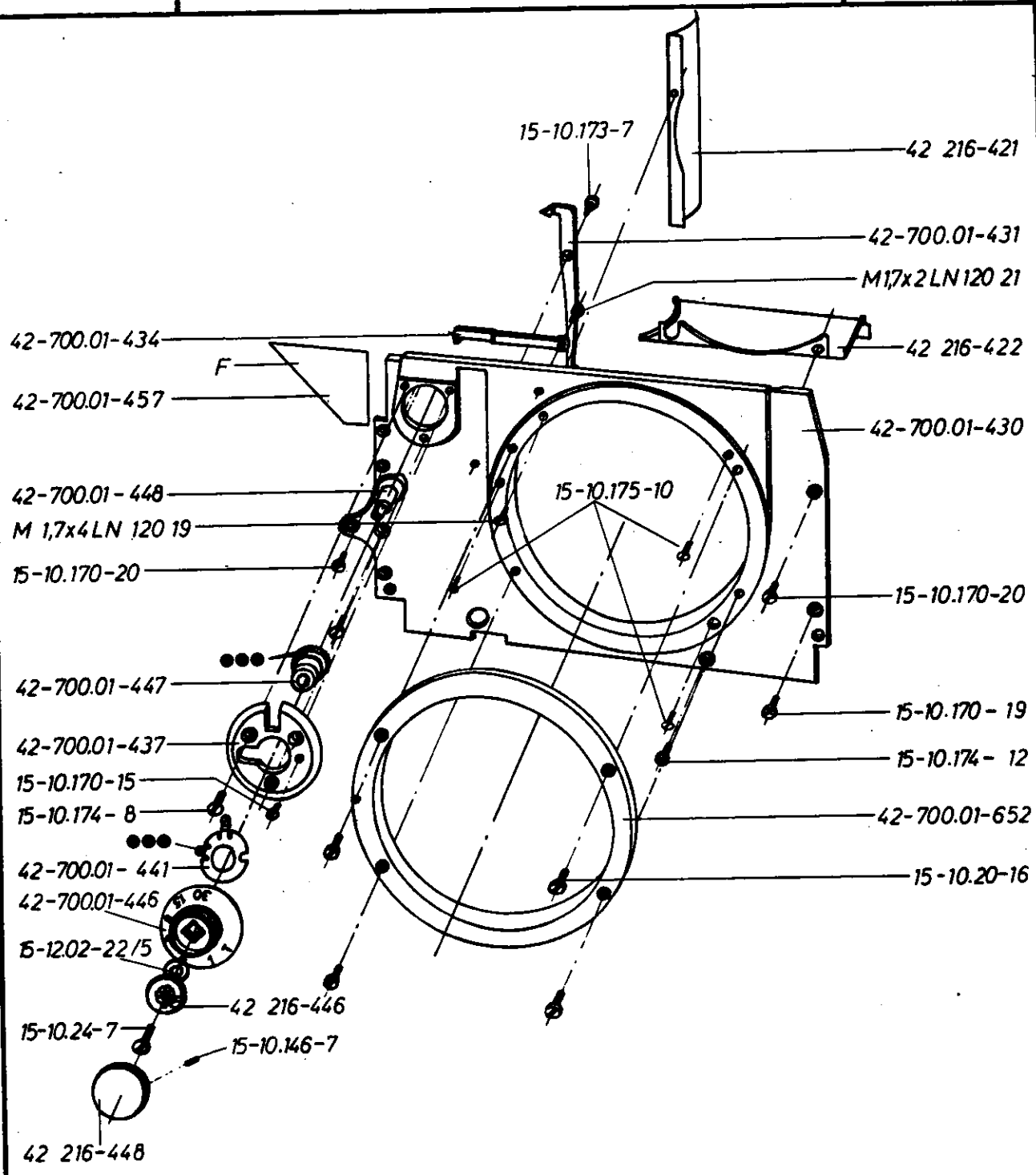
1. 9.64

Leica Ig 887001...987600

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell Ig	IIIa	IIIf	IIf	If	IIIc	IIc	Ic
-2 216-421	Blende light shield	1	1	1	1	1	1	1	1
-2 216-422	Blende light shield	1	1	1	1	1	1	1	1
-2 216-446	Einstellmutter adjusting nut	1	1	1	-	-	1	-	-
42 216-448	Schutzkappe cover	1	1	1	-	-	1	-	-
-2-700.01-430	Frontplatte front plate	1	1	-	-	-	-	-	-
-2-700.01-431	Hebel lever	1	1	-	-	-	-	-	-
-2-700.01-434	Steuerhebel coupling arm	1	1	-	-	-	-	-	-
42-700.01-437	Lagerplatte bearing plate	1	1	-	-	-	-	-	-
42-700.01-441	Rastfeder pawl spring	1	1	-	-	-	-	-	-
42-700.01-446	Teilscheibe slow speed dial	1	1	-	-	-	-	-	-
42-700.01-447	Lagermutter bearing nut	1	1	-	-	-	-	-	-
42-700.01-448	Kurve cam	1	1	-	-	-	-	-	-
42-700.01-457	Abdeckfolie corer foil	1	1	1	1	1	1	1	1
2-700.01-652	Anschraubring mounting ring	1	1	-	-	-	-	-	-
M1,7x4 LN 120 19	Zylinderschraube, brüniert cylinder head screw, burnished	1	1	-	-	-	-	-	-
M1,7x2 LN 120 21	Zylinderschraube, brüniert cylinder head screw, burnished	1	1	-	-	-	-	-	-
15-10.146- 7	Gewindestift, verchromt grub screw, chrome-plated	1	1	1	-	-	1	-	-
15-10.170-15	Anschlagschraube, brüniert stop screw, burnished	1	1	-	-	-	-	-	-
15-10.170-19	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.170-20	Schraube, brüniert screw, burnished	3	6	6	3	3	3	3	3
15-10.173- 7	Schraube, brüniert screw, burnished	1	1	1	-	-	1	-	-
15-10.174- 8	Schraube, brüniert screw, burnished	3	3	-	-	-	-	-	-
15-10.174-12	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.175-10	Befestigungsschraube, brüniert mounting screw, burnished	3	3	4	4	4	4	4	4
15-10.20 -16	Schraube, verchromt screw, chrome-plated	4	4	4	4	4	4	4	4
15-10.24 - 7	Schraube, brüniert screw, burnished	1	1	1	-	-	1	-	-
15-12.02-22/5	Scheibe washer	1	1	1	-	-	1	-	-

TECHNISCHER KUNDENDIENST



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TECHNISCHER KUNDENDIENST

1. 9.64

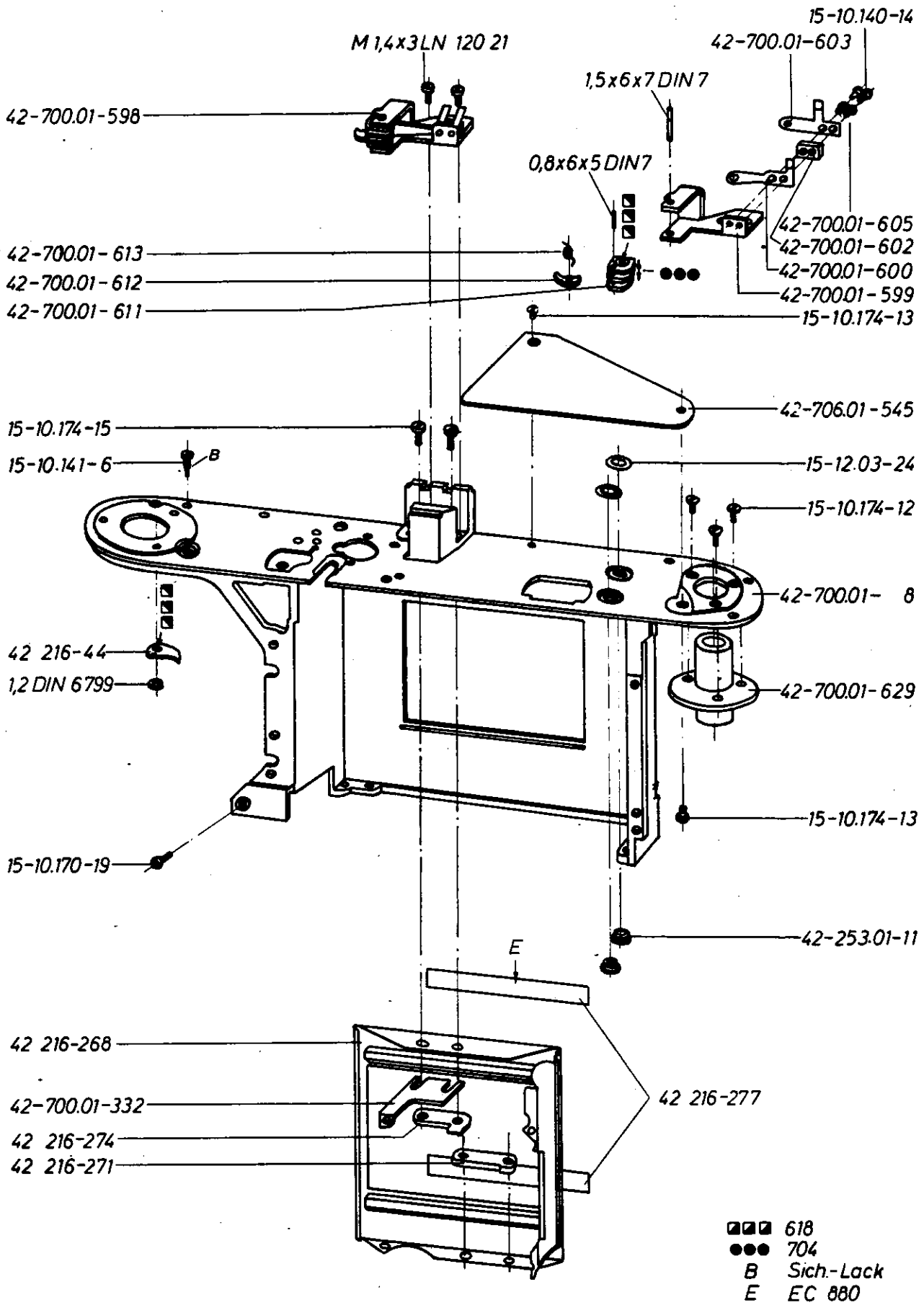
Leica Ig 887001...987600

Leitz WETZLAR

Bestell-Nr Part-No	Benennung Description	Leica - Modell Ig	IIIg	IIIf	IIf	If	IIIc	IIc	Ic
42 216- 44	Sperrnase lock lever	1	1	-	-	-	-	-	-
42 216-268	Rahmenblende frame mask	1	1	1	1	1	1	1	1
42 216-271	Unterlegleiste spacer strip	1	1	1	1	1	1	1	1
42 216-274	Anschlagwinkel stop angle bracket	1	1	1	1	1	1	1	1
42 216-277	Samtstreifen velvet strip	2	2	2	2	2	2	2	2
42-253.01- 11	Exzenter excenter	2	2	-	-	-	-	-	-
42-700.01- 8	Hauptkörper main body	1	1	-	-	-	-	-	-
42-700.01-332	Sicherungswinkel securing bracket	1	1	-	-	-	-	-	-
42-700.01-598	Lagerwinkel, mont. bearing bracket, ass.	1	1	-	-	-	-	-	-
42-700.01-599	Lagerwinkel bearing bracket	1	1	-	-	-	-	-	-
42-700.01-600	Kontaktfeder, mont. contact spring, ass.	1	1	-	-	-	-	-	-
42-700.01-602	Zwischenstück intermediate piece	1	1	-	-	-	-	-	-
42-700.01-603	Kontaktfeder, mont. contact spring, ass.	1	1	-	-	-	-	-	-
42-700.01-605	Buchse bushing	2	2	-	-	-	-	-	-
42-700.01-611	Lager bearing	1	1	-	-	-	-	-	-
42-700.01-612	Kontaktnase contact stud	1	1	-	-	-	-	-	-
42-700.01-613	Feder spring	1	1	-	-	-	-	-	-
42-700.01-629	Flanschenlager flange bearing	1	1	-	-	-	-	-	-
42-706.01-545	Abdeckplatte cover plate	1	-	-	-	-	-	-	-
0,8 x 6 x 5 DIN 7	Zylinderstift round pin	1	1	-	-	-	-	-	-
1,5 x 6 x 7 DIN 7	Zylinderstift round pin	1	1	-	-	-	-	-	-
1,2 DIN 6799	Sicherungsscheibe retaining washer	1	1	1	1	1	1	1	1
M1,4 x 3LN 120 21	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-10.140-14	Schraube, brüniert screw, burnished	2	2	-	-	-	-	-	-
15-10.141- 6	Schraube, bürniert screw, burnished	1	1	-	-	-	-	-	-
15-10.170-19	Schraube, brüniert screw, burnished	1	1	1	1	1	1	1	1
15-10.174-12	Senkschraube, brüniert countersunk screw, burnished	3	3	3	3	3	3	3	3
15-10.174-13	Schraube, brüniert screw, burnished	2	-	-	-	-	-	-	-
15-10.174-15	Schraube, bürniert screw, burnished	2	2	-	-	-	-	-	-
15-12.03-24/1	Unterlegscheibe 0,1 mm washer	2	2	-	-	-	-	-	-

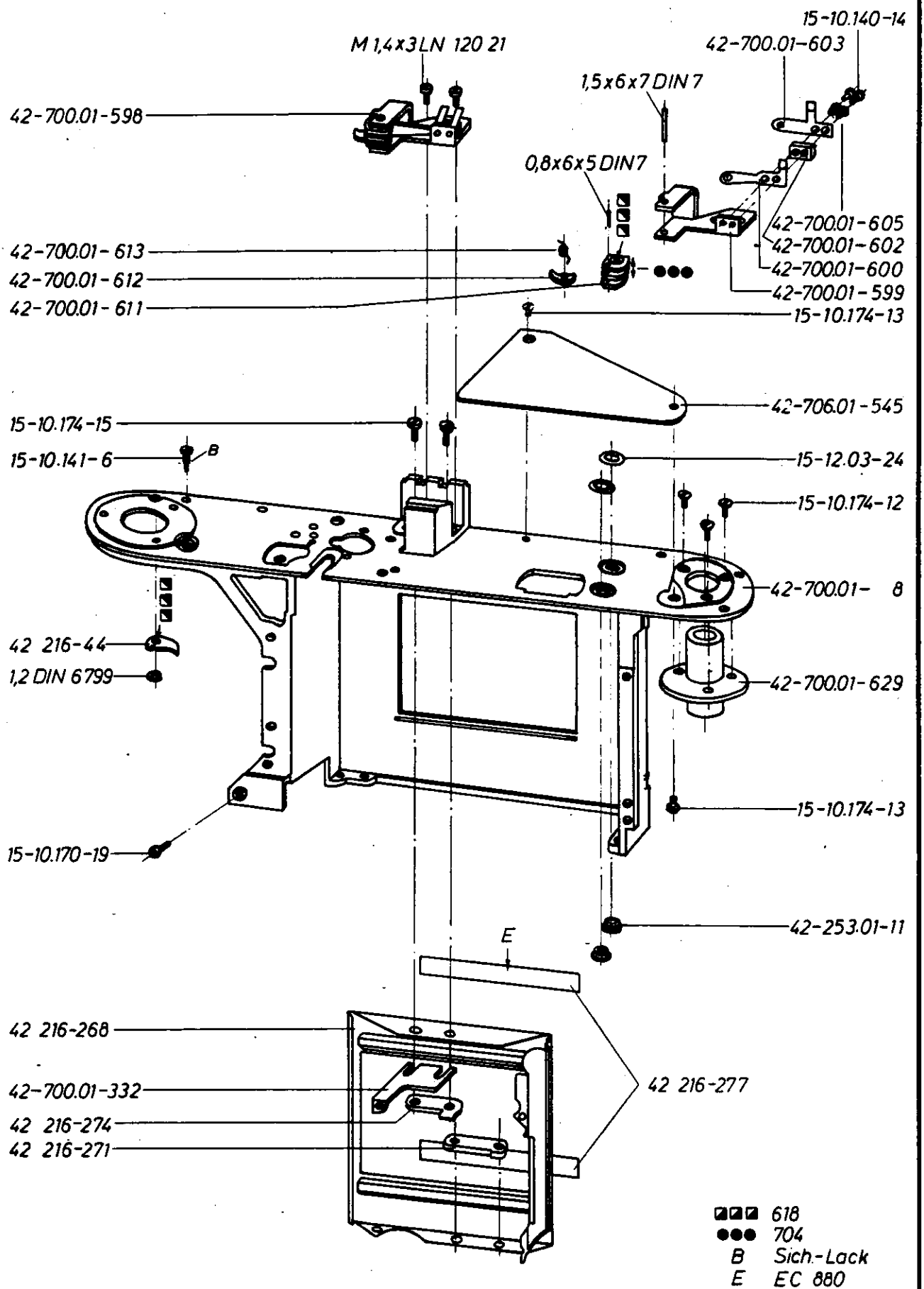
TECHNISCHER KUNDENDIENST

1. 9.6



TECHNISCHER KUNDENDIENST

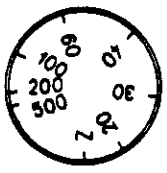
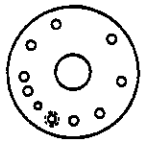
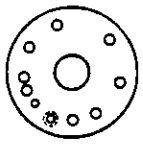
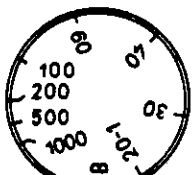
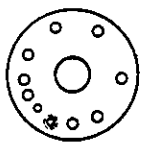
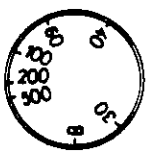
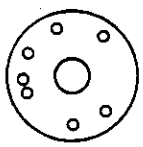
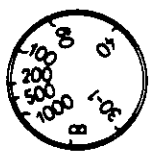
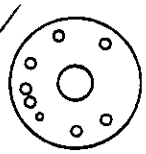
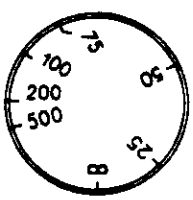
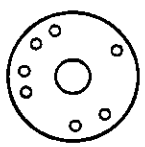
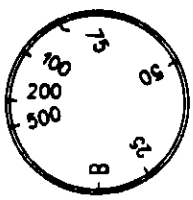
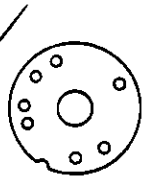
1. 9.64



TECHNISCHER KUNDENDIENST

1. 9.64

Übersicht über Schlitzstellknöpfe und Lochstellscheiben

Schlitzstellknopf	Lochstellscheibe	Leica-Mod.	Fabrik.-Nummer	Bemerkungen
 42-480-140	 42-480-132	I Standard II III	100 ... 71 199 101 001...355 650 71 200...358 650 107 601...343 100	
42-480-843	 42-480-132	IIIa	156 201 ... 357 200	
 42-480-912	 42-480-132	IIIa syn	156 201 ... 357 200	
 42 483-248	 42 483-241	Ic IIc	455 001 ... 562 800 440 001 ... 451 000	
 42 216-248	 42 216-241	IIIc	360 001 ... 525 000	
 42 486-235	 42 486-238	If	575 001 ... 579 870	
 42 486-326	 42 486-230	If IIf	579 871 ... 851 000 675 791 ... 677 500	

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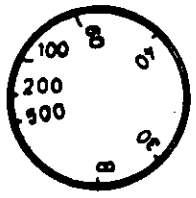
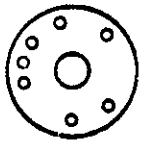
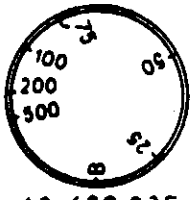
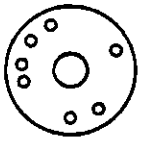
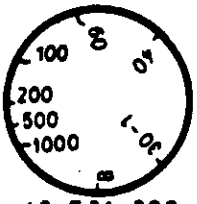
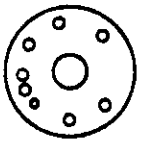
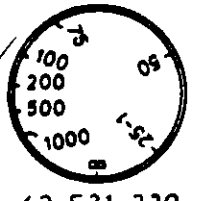
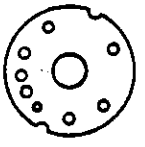
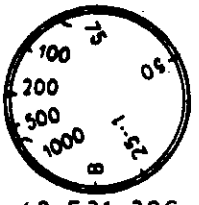
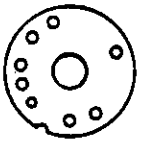
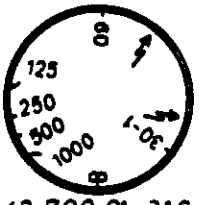
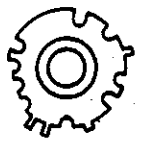
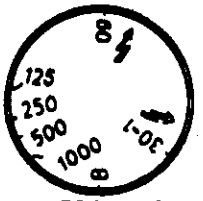
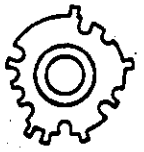
Übersicht über Schlitzstellknöpfe und Lochstellscheiben

Schlitzstellknopf	Lochstellscheibe	Leica-Mod.	Fabrik.-Nummer	Bemerkungen
 42 486-329	 42 483-241	IIf If	451 001 ... 574 400 562 801 ... 575 000	
 42 486-235	 42 486-238	IIIf	574 401 ... 675 790	
 42 531-329	 42 216-241	IIIf	525 001 ... 615 000	
 42 531-330	 42 531-251	IIIf	615 001 ... 671 030	
 42 531-326	 42 531-241	IIIf IIf	671 031 ... 837 720 677 501 ... 822 000	
 42-700.01-316	 42-700.01-293	IIIg	825 001 ... 888 650	
 42-700.01-812	 42-700.01-810	IIIg	888 651 ... 988 250	

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